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USAFETAC/DS--92/280

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SURFACE OBSERVATION CLIMATIC SUMMARIES

for

DOVER AFB, DELAWARE

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

APRIL 1992

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Availability Codes		
Dist	Avail and/or	Special
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REPORT DOCUMENTATION PAGE

2. REPORT DATE: APRIL 1992
3. REPORT TYPE AND DATES COVERED: DATA SUMMARY, DECEMBER 1942 TO DECEMBER 1991
4. TITLE AND SUBTITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR DOVER AFB, DELAWARE
7. PERFORMING ORGANIZATION NAME AND ADDRESS: OPERATING LOCATION A, USAFETAC, FEDERAL BUILDING, ASHEVILLE, NC 28801-2723
8. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-92/280
9. SPONSORING/MONITORING AGENCY NAME AND ADDRESS: USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER (USAFETAC), SCOTT AFB, IL 62225-5438
11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, DOVER AFB, DELAWARE, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
15. NUMBER OF PAGES: 375
17. SECURITY CLASSIFICATION OF REPORT: UNCLASSIFIED
18. SECURITY CLASSIFICATION OF THIS PAGE: UNCLASSIFIED
19. SECURITY CLASSIFICATION OF ABSTRACT: UNCLASSIFIED
20. LIMITATION OF ABSTRACT: UL

DTIC STANDARD FORM 298

PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCs (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCs NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCsum," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCs." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY DATA: DEC 81 - NOV 91 (AIRWAYS).

SUMMARY OF DAY DATA: DEC 42 - SEP 46, JUL 49 - AUG 49, AUG 50 - DEC 91 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
724088	DOVER AFB, DE	N 39 08	W 075 28	28	DOV	

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Dover Air-Sub Base, DE	AAF	Dec 42	Dec 42	N 39 11	W 075 30	20	25	24
2	Dover AAF, DE	AAF	Jan 43	Feb 43	N 39 08	W 075 29	Same	23	24
3	Same	AAF	Mar 43	Sep 46	Same	W 075 28	Same	Same	24
4	Dover AFB, DE	AFB	Jul 49	Sep 49	Same	Same	Same	Same	08
5	Same	Same	Aug 50	Jun 53	Same	Same	Same	27	24
6	Same	Same	Jun 53	Mar 55	Same	Same	28	Same	24
7	Same	Same	Apr 55	Mar 58	Same	Same	Same	32	24
8	Same	Same	Mar 58	Mar 67	Same	Same	Same	38	24
9	Same	Same	Apr 67	Nov 74	Same	Same	Same	24	24
10	Same	Same	Nov 74	Jan 89	Same	Same	Same	23	24

Nbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 42	W end of Link trainer bldg	Selsyn	ML-144A	N/A	
2	Jun 43	N end, W wing BaseOps bldg	Same	Same	30 ft	
3	Jul 46	Same	Same	ML-144B	74 ft	
4	Jun 53	On platform beside wea stn	AN/GMQ-1	ML-204	30 ft	
5	Apr 55	1.Same	Selsyn	Same	50 ft	
		2.Same	AN/GMQ-11	RO-2	30 ft	
6	Apr 56	Approach end of rwy	AN/GMQ-11	RO-2	40 ft	
7	Apr 57	200'E of rwy 01/19	Same	Same	15 ft	
8	Apr 63	700'NW of ROS by rwy 19	Same	Same	13 ft	
9	Apr 70	1.600'E ctrln of rwy 19	AN/GMQ-20	RO-362	Same	
		2.1130'E ctrln of rwy 01	Same	Same	Same	
10	Jan 89	1.Same	Same	Same	14 ft	
		2.Same	Same	Same	17 ft	
		3.Mid-point	Same	Same	35 ft	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

A - 1 - 1

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		8.8	1.2	5.4		15.4	20.0	1.7	1.0		38.1	930
03-05		8.8	1.2	6.6		16.6	21.2	2.2	.8		40.6	930
06-08		10.2	.8	5.1		16.0	24.0	3.4	.9		44.3	930
09-11		11.5	.2	5.5		17.2	22.5	4.8	1.0		45.5	930
12-14		9.2	.4	5.1		14.7	16.9	5.7	.9		38.2	930
15-17		9.0	.4	3.9		13.3	15.7	5.3	.5		34.8	930
18-20		8.3	1.1	4.3		13.7	17.9	3.8	.2		35.6	928
21-23	.1	8.1	1.1	4.1		13.2	18.4	2.0	.6		34.3	930
ALL HOURS	.0	9.2	.8	5.0		15.0	19.6	3.6	.7		38.9	7438

MONTH: FEB

00-02		12.5	1.1	5.3		18.9	21.9	3.2	.2		44.2	846
03-05		11.8	.8	5.0		17.6	22.7	2.7	.7		43.7	846
06-08		11.0	.5	4.5		16.0	29.4	4.4	.7		50.5	846
09-11		9.7	.6	3.4		13.7	25.1	7.8	.7		47.3	846
12-14	.1	8.9	.4	3.7		12.9	17.5	4.3	1.1		35.7	846
15-17		10.8	.4	3.2		14.3	16.8	4.5	.5		36.1	846
18-20		9.1	.4	3.1		12.5	19.1	3.9	.2		35.8	846
21-23		9.8	.8	3.7		14.3	19.6	3.3	.4		37.6	846
ALL HOURS	.0	10.4	.6	4.0		15.0	21.5	4.3	.6		41.4	6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR

HOURS (LST)	TSIMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	RAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	12.9		2.0		14.9	18.5	1.6			35.1	930
03-05	.1	12.9	.2	3.9		17.0	21.5	2.3			40.8	930
06-08	.2	15.2	.2	1.8		17.2	25.8	5.7			48.7	930
09-11	.2	13.5		1.5		15.0	18.4	5.7	.3		39.4	929
12-14	.1	12.0		1.5		13.5	12.8	5.1	.1		31.5	930
15-17	.4	11.4	.3	1.4		13.1	13.5	3.9			30.5	930
18-20	.2	13.8	.1	.9		14.7	15.8	3.7			34.2	930
21-23	.5	14.7	.1	2.3		17.1	15.1	2.3			34.4	930
ALL HOURS	.2	13.3	.1	1.9		15.3	17.7	3.8	.1		36.8	7439

MONTH: APR

00-02	.6	15.1		.9		16.0	21.8	3.2			41.0	900
03-05	.1	14.6		1.9		16.4	26.2	3.3			46.0	900
06-08		14.6		1.7		16.2	30.4	7.7			54.3	900
09-11	.3	13.1		1.1		14.2	19.7	7.1			41.0	900
12-14	.1	12.5		1.7		14.1	13.9	6.3			34.4	899
15-17	.7	10.6		.8	.1	11.4	12.4	4.3			28.2	900
18-20	.9	14.7		.4	.1	15.2	14.3	4.3			33.9	900
21-23	.9	14.0		.8		14.8	19.0	3.9			37.7	900
ALL HOURS	.4	13.6		1.2	.0	14.8	19.7	5.0			39.6	7199

A - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.2	11.4				11.4	22.2	9.1			42.7	930
03-05	.6	12.6				12.6	33.4	10.2			56.2	930
06-08	.3	11.5				11.5	33.5	16.7			61.7	930
09-11	.3	10.5				10.5	15.5	15.8			41.8	930
12-14	.3	9.4				9.4	9.4	14.0			32.7	930
15-17	1.7	8.6				8.6	8.1	12.0			28.7	930
18-20	3.2	10.1			.1	10.2	10.0	12.6			32.8	929
21-23	2.9	10.6				10.6	14.6	11.3			36.6	930
ALL HOURS	1.3	10.6			.0	10.6	18.3	12.7			41.7	7439

MONTH: JUN

00-02	.7	6.0				6.0	21.9	19.4			47.3	900
03-05	.4	6.0				6.0	33.0	19.9			58.9	900
06-08	.7	5.9				5.9	32.6	28.7			67.2	899
09-11	.7	5.1				5.1	9.4	28.6			43.1	900
12-14	1.6	4.8				4.8	4.6	27.0			36.3	900
15-17	2.2	6.8				6.8	5.1	22.8			34.7	900
18-20	3.9	10.4				10.4	10.1	22.3			42.9	900
21-23	1.7	6.7				6.7	13.8	19.7			40.2	897
ALL HOURS	1.5	6.5				6.5	16.3	23.6			46.3	7196

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	2.3	4.8				4.8	25.4	29.4			59.6	930
03-05	1.1	4.5				4.5	43.1	30.8			78.4	930
06-08	.2	5.2				5.2	42.0	38.3			85.5	930
09-11	.6	5.9				5.9	11.7	39.0			56.7	930
12-14	2.3	6.2				6.2	5.1	34.9			46.2	930
15-17	3.7	7.1				7.1	4.2	35.1			46.3	930
18-20	3.8	7.3				7.3	8.0	33.5		.2	49.0	930
21-23	4.5	6.8				6.8	14.5	31.1			52.4	930
ALL HOURS	2.3	6.0				6.0	19.2	34.0		.0	59.3	7440

MONTH: AUG

00-02	.5	7.1				7.1	30.8	25.6			63.4	930
03-05	.3	6.5				6.5	48.2	26.8			81.4	930
06-08	.5	6.6				6.6	51.3	30.6			88.5	930
09-11	.5	5.6				5.6	14.1	34.3			54.0	930
12-14	.6	6.5				6.5	5.9	31.3			43.7	930
15-17	1.7	6.5				6.5	5.3	29.2			41.0	930
18-20	2.0	7.2				7.2	9.1	30.3			46.7	930
21-23	2.3	8.4				8.4	18.8	27.3			54.5	930
ALL HOURS	1.1	6.8				6.8	22.9	29.4			59.1	7440

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP

HOURS (LST)	TSIMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSW	TOTAL NO. OF OBS
00-02	.6	7.9				7.9	25.9	16.6			50.3	900
03-05	.6	7.9				7.9	37.4	14.9			60.2	900
06-08	.1	8.0				8.0	45.6	18.2			71.8	900
09-11		6.8				6.8	14.6	21.0			42.3	900
12-14	.3	5.8				5.8	6.0	17.0		.1	28.9	900
15-17	.8	5.9				5.9	5.6	16.1			27.6	900
18-20	1.4	6.6				6.6	9.6	16.6			32.7	900
21-23	1.0	8.3				8.3	18.3	16.4			43.1	900
ALL HOURS	.6	7.1				7.1	20.4	17.1		.0	44.6	7200

MONTH: OCT

00-02	.2	8.4				8.4	27.0	5.9			41.3	930
03-05		8.8				8.8	35.8	3.9			48.5	930
06-08		8.1				8.1	43.7	5.1			56.8	930
09-11		7.5				7.5	18.3	10.0			35.8	930
12-14		7.0				7.0	8.6	8.6			24.2	930
15-17		7.5				7.5	8.4	10.1			26.0	930
18-20	.2	8.0				8.0	13.9	10.9			32.7	930
21-23	.2	8.9				8.9	18.8	8.7			36.5	930
ALL HOURS	.1	8.0				8.0	21.8	7.9			37.7	7440

A - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	10.2		1.1		11.3	21.0	3.8			36.1	900
03-05	.2	10.2		.7		10.9	25.6	3.3			39.8	900
06-08		10.9		.8		11.7	33.2	4.8			49.7	900
09-11	.1	11.3		.7		12.0	17.4	9.2			38.7	900
12-14		9.0		.2		9.2	10.6	5.9			25.7	900
15-17		8.6		.2		8.8	10.1	6.0			24.9	900
18-20	.2	9.0		.9		9.9	15.1	6.2			31.3	898
21-23		10.9		1.2		12.2	20.0	4.6			36.7	897
ALL HOURS	.1	10.0		.7		10.7	19.1	5.5			35.3	7195

MONTH: DEC

00-02		11.7		2.3		14.0	20.4	3.5			38.0	930
03-05		10.9	.2	2.0		13.1	23.3	3.8			40.2	930
06-08		9.6	.1	2.2		11.8	27.2	3.9			42.9	930
09-11	.1	11.5	.2	2.6		14.3	22.6	3.9	.3		41.1	930
12-14		8.6		2.5		11.1	15.7	3.2	.2		30.2	930
15-17		9.8		2.0		11.8	15.2	3.4			30.4	930
18-20		9.9		2.6		12.5	16.7	3.2			32.4	930
21-23		11.8		2.8		14.6	16.9	4.0			35.5	930
ALL HOURS	.0	10.5	.1	2.4		12.9	19.7	3.6	.1		36.3	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
HOURS: ALL

MONTH	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.0	9.2	.8	5.0		15.0	19.6	3.6	.7		38.9	7438
FEB	.0	10.4	.6	4.0		15.0	21.5	4.3	.6		41.4	6768
MAR	.2	13.3	.1	1.9		15.3	17.7	3.8	.1		36.8	7439
APR	.4	13.6		1.2	.0	14.8	19.7	5.0			39.6	7199
MAY	1.3	10.6			.0	10.6	18.3	12.7			41.7	7439
JUN	1.5	6.5				6.5	16.3	23.6			46.3	7196
JUL	2.3	6.0				6.0	19.2	34.0		.0	59.3	7440
AUG	1.1	6.8				6.8	22.9	29.4			59.1	7440
SEP	.6	7.1				7.1	20.4	17.1		.0	44.6	7200
OCT	.1	8.0				8.0	21.8	7.9			37.7	7440
NOV	.1	10.0		.7		10.7	19.1	5.5			35.3	7195
DEC	.0	10.5	.1	2.4		12.9	19.7	3.6	.1		36.3	7440
ANNUAL	.6	9.3	.1	1.2	.0	10.7	19.7	12.6	.1	.0	43.1	87634

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

MONTH	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.7	34.9	4.6	24.0	.2	48.1	42.3	35.0	3.5		65.2	1314
FEB	1.1	38.4	3.3	22.3	.1	49.0	43.3	36.8	2.9		67.7	1212
MAR	4.6	44.4	.7	12.8	.1	49.2	43.4	36.4	1.3		66.0	1334
APR	9.1	50.9	.2	2.9	.5	51.3	43.9	37.9	.1		68.7	1297
MAY	14.7	50.0			.8	50.0	51.6	46.3		.1	74.3	1331
JUN	18.2	44.4			.5	44.4	53.9	59.2		.1	78.4	1285
JUL	22.8	43.1			.3	43.1	59.3	69.4		.1	83.8	1348
AUG	19.0	40.0			.1	40.0	66.7	70.0		.1	85.2	1362
SEP	7.9	37.3				37.3	59.0	57.9			76.9	1305
OCT	3.6	36.9		.5	.1	37.0	52.8	45.6			70.0	1321
NOV	1.7	41.9		5.1	.2	44.3	47.0	39.4	.3		69.6	1288
DEC	.7	40.5	1.7	14.9	.1	47.7	42.6	33.4	1.0		64.4	1332
ANNUAL	8.8	41.9	.9	6.8	.2	45.1	50.6	47.4	.7	.0	72.6	15729

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02			.1	.6	1.2	.7	2.3	.5	.6	.2	.3	
03-05			.1	.1	.6	.4	1.1	.3	.6		.2	
06-08			.2		.3	.7	.2	.5	.1			
09-11			.2	.3	.3	.7	.6	.5			.1	.1
12-14		.1	.1	.1	.3	1.6	2.3	.6	.3			
15-17			.4	.7	1.7	2.2	3.7	1.7	.8			
18-20			.2	.9	3.2	3.9	3.8	2.0	1.4	.2	.2	
21-23	.1		.5	.9	2.9	1.7	4.5	2.3	1.0	.2		
ALL HOURS	.0	.0	.2	.4	1.3	1.5	2.3	1.1	.6	.1	.1	.0
TOTAL OBS	7438	6768	7439	7199	7439	7196	7440	7440	7200	7440	7195	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 069	070 - 159	160 - 249	250 - 339	NO OF OBS
TSIMS						100.0	1
LIQUID PRECIP	5.6		31.7	26.4	18.5	17.8	697
FREEZING PRECIP	1.7		85.0	8.3	1.7	3.3	60
FROZEN PRECIP	2.6		48.5	11.2	5.9	31.9	392
FOG	13.5		25.9	17.5	19.3	23.7	1438
FOG WITH VIS GE 1/2 MILES	12.8		26.9	16.5	19.1	24.7	1329
TOTAL OBS	741	0	1532	672	1656	2837	0 7438

MONTH: FEB HOURS: ALL

TSIMS						100.0	1
LIQUID PRECIP	5.9		35.9	22.6	20.3	15.4	716
FREEZING PRECIP	2.4		82.9	9.8		4.9	41
FROZEN PRECIP	6.1		63.2	9.5	10.5	10.8	296
FOG	11.3		34.8	24.5	13.6	15.8	1445
FOG WITH VIS GE 1/2 MILES	10.7		35.6	23.1	14.2	16.5	1330
TOTAL OBS	550	0	1808	907	1445	2058	0 6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 069	070 - 159	160 - 249	250 - 339	NO OF OBS
TSIMS			27.8	38.9	5.6	27.8	18
LIQUID PRECIP	4.2		40.9	29.1	13.7	12.2	979
FREEZING PRECIP			100.0				9
FROZEN PRECIP	4.6		52.3	14.6	2.6	25.8	151
FOG	11.3		37.1	25.8	13.2	12.6	1309
FOG WITH VIS GE 1/2 MILES	10.4		38.2	24.5	13.9	13.0	1232
TOTAL OBS	546	0	1916	1207	1540	2230	0 7439

MONTH: APR HOURS: ALL

TSIMS	8.8		23.5	32.4	5.9	29.4	34
LIQUID PRECIP	3.0		28.4	32.0	14.4	22.2	965
FREEZING PRECIP							
FROZEN PRECIP	2.6		25.6	9.0	2.6	60.3	78
FOG	6.7		28.3	33.8	12.5	18.7	1411
FOG WITH VIS GE 1/2 MILES	5.9		28.9	33.1	12.6	19.5	1320
TOTAL OBS	401	0	1255	1652	1635	2256	0 7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 069	070 - 159	160 - 249	250 - 339	NO OF OBS
TSIMS	12.0		17.0	17.0	27.0	27.0	100
LIQUID PRECIP	5.3		33.8	33.0	17.7	10.3	719
FREEZING PRECIP							
FROZEN PRECIP							
FOG	15.5		20.9	28.3	22.6	12.7	1351
FOG WITH VIS GE 1/2 MILES	15.4		21.7	27.4	22.3	13.2	1299
TOTAL OBS	712	0	1046	1653	2159	1869	7439

MONTH: JUN HOURS: ALL

TSIMS	6.5		20.6	15.9	25.2	31.8	107
LIQUID PRECIP	13.5		20.1	34.6	21.6	10.2	393
FREEZING PRECIP							
FROZEN PRECIP							
FOG	19.7		16.7	21.2	29.0	13.4	1127
FOG WITH VIS GE 1/2 MILES	19.5		16.7	20.6	29.5	13.6	1100
TOTAL OBS	668	0	1103	1293	2301	1831	7196

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 069	070 - 159	160 - 249	250 - 339	NO OF OBS
TSMS	5.2		15.7	19.8	37.2	22.1	172
LIQUID PRECIP	6.1		24.5	37.0	25.1	7.3	343
FREEZING PRECIP							
FROZEN PRECIP							
FOG	23.3		13.6	17.1	30.4	15.7	1354
FOG WITH VIS GE 1/2 MILES	23.3		13.6	17.1	30.4	15.6	1341
TOTAL OBS	953	0	1117	1379	2376	1615	7440

MONTH: AUG HOURS: ALL

TSMS	10.0		12.5	15.0	38.8	23.8	80
LIQUID PRECIP	8.7		43.0	25.6	17.9	4.7	446
FREEZING PRECIP							
FROZEN PRECIP							
FOG	21.6		22.2	10.9	28.5	16.7	1577
FOG WITH VIS GE 1/2 MILES	21.0		22.6	11.1	28.7	16.7	1547
TOTAL OBS	1119	0	1444	1385	2203	1289	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 069	070 - 159	160 - 249	250 - 339	NO OF OBS
TSIMS	7.0		23.3	18.6	18.6	32.6	43
LIQUID PRECIP	8.2		43.6	19.8	18.4	10.0	489
FREEZING PRECIP							
FROZEN PRECIP							
FOG	19.9		22.8	11.4	32.6	13.2	1428
FOG WITH VIS GE 1/2 MILES	18.9		23.1	11.7	33.0	13.4	1399
TOTAL OBS	1049	0	1728	1366	1844	1213	7200

MONTH: OCT HOURS: ALL

TSIMS					33.3	66.7	6
LIQUID PRECIP	9.3		41.1	22.1	14.6	13.0	594
FREEZING PRECIP							
FROZEN PRECIP							
FOG	23.6		24.9	16.2	22.8	12.5	1582
FOG WITH VIS GE 1/2 MILES	22.9		24.2	15.4	24.3	13.2	1443
TOTAL OBS	1083	0	1735	1038	1940	1644	7440

A - 5 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	340 - 069	070 - 159	160 - 249	250 - 339	NO OF OBS
TSIMS					62.5	37.5	8
LIQUID PRECIP	5.8		33.4	23.4	18.2	19.2	719
FREEZING PRECIP							
FROZEN PRECIP	1.9		69.8		1.9	26.4	53
FOG	17.9		23.6	18.9	26.7	12.9	1363
FOG WITH VIS GE 1/2 MILES	16.5		24.6	18.3	27.2	13.4	1273
TOTAL OBS	760	0	1316	893	2018	2208	0 7195

MONTH: DEC HOURS: ALL

TSIMS					100.0		1
LIQUID PRECIP	6.0		27.3	28.9	25.3	12.6	788
FREEZING PRECIP	40.0		40.0	20.0			5
FROZEN PRECIP	6.8		51.7	5.1	10.8	25.6	176
FOG	12.5		25.6	18.2	27.2	16.4	1468
FOG WITH VIS GE 1/2 MILES	12.0		25.9	17.9	27.2	17.1	1394
TOTAL OBS	795	0	1572	674	1733	2666	0 7440

A - 5 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	340 - 069	070 - 159	160 - 249	250 - 339	NO OF OBS
TSTMS	7.4		17.3	18.6	29.6	27.1	571
LIQUID PRECIP	6.2		33.9	27.8	18.2	13.9	7848
FREEZING PRECIP	3.5		83.5	8.7	.9	3.5	115
FROZEN PRECIP	4.4		52.7	9.6	7.0	26.4	1146
FOG	16.5		24.8	20.1	23.2	15.4	16853
FOG WITH VIS GE 1/2 MILES	15.9		25.2	19.5	23.6	15.9	16007
TOTAL OBS	9377	0	17572	14119	22850	23716	0 87634

A - 5 - 7

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBB

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PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN YEAR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	51.6	50.9	49.9	48.7	50.0	55.2	56.3	60.6	63.0	63.6	56.8	53.9	55.1
TRACE	13.9	15.5	14.2	16.4	15.5	15.1	14.1	11.6	11.5	12.3	14.0	15.1	14.1
.01	3.0	2.4	3.2	3.4	2.5	3.0	3.3	1.5	1.8	1.9	2.1	2.3	2.5
.02-.05	7.3	6.3	6.9	6.0	6.8	6.5	5.1	4.5	5.1	4.6	5.5	5.7	5.9
.06-.10	5.0	4.0	4.1	4.7	5.0	2.7	3.0	3.4	3.1	2.7	3.6	3.3	3.7
.11-.25	6.8	7.6	7.2	7.0	6.7	5.7	5.2	4.7	4.5	4.9	5.0	6.2	5.9
.26-.50	5.8	6.3	5.5	6.7	6.0	4.5	4.5	5.0	3.2	3.7	5.2	5.3	5.1
.51-1.00	5.0	5.1	5.5	4.9	4.8	4.4	4.7	4.0	3.6	3.4	5.2	5.1	4.6
1.01-2.50	1.7	2.0	3.4	2.2	2.5	2.4	2.9	4.0	3.6	2.7	2.4	2.9	2.7
2.51-5.00		.1	.1	.1	.2	.4	.8	.6	.6	.2	.1	.1	.3
5.01-10.00							.1	.1			.1		.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	34.5	33.6	35.9	34.9	34.5	29.7	29.6	27.8	25.5	24.1	29.2	31.0	30.8
TOTAL NO. OF OBSERVATIONS	1385	1262	1384	1337	1383	1344	1414	1436	1371	1395	1350	1409	16470

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42												.00*	.00*
43	TRACE*	TRACE*	TRACE*	TRACE*	TRACE*	2.34*	4.94	1.73	3.21	4.68	4.09	1.66	22.65*
44	4.02	1.08	5.23	5.04	2.38	1.46	2.72	4.02	4.54	2.58	5.01	2.14	40.22
45	3.88	2.41	1.73	3.50	2.63	4.71	9.40	1.23	3.94	2.35	3.09	6.75	45.62
46	2.47	2.12	3.00	1.91	6.92	1.70	5.09	3.34	.73*				27.28*
49							5.66*	4.45					10.11*
50								TRACE*	6.34	1.58	2.74	2.15	12.81*
51	1.95	3.18	2.68	2.50	3.71	5.17	2.41	2.91	2.17	3.89	6.51	6.63	43.71
52	4.82	1.87	4.82	6.98	5.41	2.43	3.34	9.78	1.26	.71	4.83	3.58	49.83
53	4.43	3.07	4.89	3.33	7.66	2.78	3.80	4.79	.87	2.83	1.98	2.86	43.29
54	2.69	1.51	3.70	2.68	3.48	.71	1.74	2.42	4.52	2.18	4.39	3.09	33.11
55	.34	4.10	3.80	2.58	1.81	5.81	.77	12.26	1.43	2.07	1.99	.47	37.43
56	1.86	2.99	4.05	1.63	1.51	3.22	5.12	3.41	2.67	5.63	8.61	3.67	44.37
57	2.07	3.04	3.20	1.91	1.22	2.84	.93	3.21	3.55	2.27	6.24	3.60	35.08
58	2.74	5.28	7.16	3.92	5.47	2.82	7.80	11.00	2.13	2.83	3.16	2.61	56.92
59	1.88	1.74	3.76	3.46	.97	1.47	12.60	4.81	2.23	4.23	6.03	2.85	46.03
60	2.01	4.04	1.06	2.44	2.99	.86	7.08	4.28	7.37	1.64	1.28	2.88	37.93
61	2.73	5.05	5.09	3.30	4.33	4.23	3.36	2.29	2.26	3.47	2.07	3.13	41.31
62	3.01	2.73	2.98	3.70	1.62	2.05	1.69	2.30	2.67	1.10	5.23	2.02	31.10
63	1.86	1.95	4.54	.48	2.40	2.65	1.26	4.78	3.40	.01	5.22	1.79	30.34
64	4.47	5.19	2.79	5.33	.55	.83	2.18	1.30	4.19	2.26	1.56	3.38	34.03
65	3.20	1.50	3.87	2.11	1.20	1.54	2.04	3.19	2.03	.92	.52	.69	22.81
66	3.53	3.78	1.37	3.07	3.16	2.67	1.37	.97	6.61	6.86	1.24	4.40	39.03
67	1.31	4.91	3.73	2.40	4.69	2.85	3.17	16.57	3.76	2.28	2.23	6.97	54.87
68	1.97	1.45	5.61	2.27	5.08	3.10	2.08	1.27	1.44	3.68	4.45	3.02	35.42
69	1.90	2.80	4.08	3.40	2.12	3.94	9.10	3.92	2.75	1.16	2.03	8.07	45.27
70	1.30	1.83	3.54	4.62	1.37	4.33	3.14	2.52	.87	3.05	3.15	3.57	33.30
71	2.45	6.11	3.00	1.48	4.63	1.52	2.73	10.48	7.70	4.69	4.20	3.20	52.19
72	3.17	4.72	2.06	4.13	3.30	6.57	2.41	.86	2.84	5.52	7.03	5.04	47.65
73	3.52	2.69	2.62	3.91	4.23	3.69	4.92	2.96	2.70	2.49	1.17	5.50	40.40
74	2.88	2.01	4.69	1.43	4.90	4.60	.83	5.49	3.51	1.67	.70	5.29	38.00
75	5.40	3.42	5.86	3.85	5.19	3.26	10.39	2.91	5.72	3.27	3.63	3.59	56.49

B - 2 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	4.87	1.71	2.03	1.00	1.81	1.45	6.29	4.19	3.20	6.91	.82	3.21	37.49
77	2.52	1.27	2.29	1.85	1.12	4.36	1.85	3.90	6.15	4.16	5.70	5.90	41.07
78	7.43	1.83	6.59	2.09	3.76	3.34	7.64	4.61	.44	1.60	2.37	4.85	46.55
79	8.19	7.51	3.64	2.95	3.90	6.36	5.63	5.25	4.65	4.10	3.48	1.67	57.33
80	3.65	1.08	5.84	4.76	2.20	3.98	3.79	4.24	3.73	5.71	2.40	1.00	42.38
81	.61	3.17	1.63	4.60	4.21	3.68	2.82	4.14	5.47	2.41	.77	4.06	37.57
82	3.00	3.55	3.14	4.61	2.04	3.93	2.66	3.21	2.17	1.59	4.58	2.69	37.17
83	1.14	2.57	6.28	7.13	5.47	6.16	4.03	4.33	3.01	2.84	5.58	5.74	54.28
84	1.78	3.80	7.04	5.26	6.68	1.98	4.15	2.90	1.81	2.43	2.18	1.44	41.45
85	2.64	2.53	2.60	.35	5.26	1.79	6.67	4.90	7.49	2.56	3.37	.83	40.99
86	2.89	3.06	2.19	1.80	.72	2.53	1.76	5.59	.78	3.14	4.74	8.19	37.39
87	5.91	2.10	2.04	3.53	3.43	1.19	1.52	2.94	2.92	2.42	3.99	2.43	34.42
88	3.37	5.47	3.30	2.74	5.22	2.77	4.31	4.45	3.33	3.27	6.07	.52	44.82
89	2.80	3.99	7.53	6.01	8.07	15.29	6.26	6.24	8.17	4.16	2.19	2.08	72.79
90	3.34	1.12	4.42	4.15	7.59	1.80	4.15	4.67	2.70	4.70	1.32	4.83	44.79
91	5.81	1.29	6.26	3.70	1.85	2.87	6.77	5.19	5.20	2.57	.33	5.75	47.59

**TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA**

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

THE GREATEST VALUE OF 16.57 OCCURRED ON 08/67

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42												.00'	.00*
43	TRACE*	TRACE*	TRACE*	TRACE*	TRACE*	1.98*	3.09	1.24	1.32	1.69	1.58	1.07	3.09*
44	2.22	.32	1.54	2.60	.93	.73	1.34	2.06	1.18	1.52	2.76	.97	2.76
45	.91	.46	1.11	1.29	1.09	1.23	1.82	.36	1.55	1.15	.75	1.26	1.82
46	.62	.67	.79	1.15	2.41	.87	2.16	1.20	.61*				2.41*
49							2.70*	1.27					2.70*
50								TRACE*	2.11	.98	1.95	.56	2.11*
51	.61	1.12	.71	.66	1.25	1.65	1.36	1.07	1.10	1.59	2.30	1.49	2.30
52	.89	.58	1.14	2.23	2.01	1.32	1.33	4.80	.69	.60	2.43	1.22	4.80
53	.90	1.70	.99	.91	1.72	.80	2.75	3.30	.66	1.23	.96	1.16	3.30
54	.93	1.11	.95	.92	.80	.55	1.38	.73	1.96	.62	1.84	.87	1.96
55	.15	1.77	.83	.74	.61	2.20	.65	3.75	.29	.86	1.05	.37	3.75
56	.56	.75	1.54	.54	.90	1.24	1.99	1.58	.66	1.39	5.66	.68	5.66
57	.34	.60	1.60	.59	.64	1.74	.68	1.12	1.13	1.05	1.58	1.18	1.74
58	1.17	1.91	1.47	1.04	1.19	1.36	1.60	4.36	.99	1.22	1.48	1.49	4.36
59	.73	.51	1.36	.66	.27	.66	4.06	1.59	1.13	2.02	1.69	.84	4.06
60	.68	1.14	.33	.83	.56	.37	3.32	1.28	3.48	.49	.60	1.04	3.48
61	1.30	1.87	1.08	1.10	1.37	2.39	1.04	.77	.86	1.79	.75	.66	2.39
62	1.46	.64	.93	1.98	.50	.76	.62	1.56	1.21	.46	1.32	.80	1.98
63	.42	.98	1.33	.23	1.81	1.32	.74	2.62	1.77	.01	2.53	.86	2.62
64	.98	1.20	.98	.96	.51	.37	.96	.39	1.88	.90	.55	.68	1.88
65	.92	.40	.90	.56	.86	.91	.80	1.32	.72	.47	.29	.38	1.32
66	1.16	1.47	.62	1.01	.65	1.32	.64	.38	1.66	4.11	.43	1.02	4.11
67	.62	1.20	1.40	1.27	2.52	2.01	1.50	9.01	3.00	.95	.80	1.40	9.01
68	.95	.66	1.42	.83	1.73	1.08	1.80	.60	.86	1.28	1.43	.65	1.80
69	.63	.86	1.20	1.10	1.04	2.75	4.81	1.07	1.01	.86	.63	1.88	4.81
70	.38	.58	1.06	2.28	.38	1.21	1.49	1.63	.65	1.76	1.14	1.49	2.28
71	.77	2.18	.73	.55	1.91	1.25	.82	2.71	2.58	1.73	1.22	2.66	2.71
72	1.08	1.14	.63	1.04	1.01	2.64	1.09	.62	1.55	2.19	2.11	1.67	2.64
73	.97	1.47	.82	1.07	1.20	1.40	2.15	.75	1.58	1.28	.47	1.22	2.15
74	.60	.67	1.21	.36	.84	1.84	.43	1.82	1.08	1.16	.24	2.21	2.21
75	1.27	.88	2.01	1.82	1.12	.97	5.41	.80	2.74	1.07	1.09	1.87	5.41

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	1.96	.62	.64	.61	.57	.47	2.70	2.20	.94	1.64	.37	1.31	2.70
77	1.06	1.08	1.11	.85	.47	2.68	.50	1.70	2.70	1.01	1.20	2.25	2.70
78	1.61	1.02	1.32	1.18	.67	1.31	2.91	1.36	.22	.88	.63	1.18	2.91
79	1.65	2.69	1.62	.91	1.15	2.18	1.47	1.24	1.34	1.38	1.14	.68	2.69
80	1.20	.51	1.62	1.15	.71	1.44	2.04	1.73	1.76	3.67	.76	.24	3.67
81	.23	.90	.83	1.29	1.35	1.04	.97	1.32	1.88	.82	.28	1.39	1.88
82	.93	.77	1.07	1.30	.99	1.04	.97	1.35	.61	.97	1.74	1.16	1.74
83	.31	.56	1.47	1.24	1.64	3.18	2.38	1.30	1.76	1.47	1.18	1.15	3.18
84	.86	1.18	1.89	1.12	2.64	.70	1.37	1.86	.90	1.24	.72	.56	2.64
85	.86	1.06	.49	.11	1.31	.53	2.73	2.00	2.81	1.48	.95	.41	2.81
86	1.44	.95	1.49	.39	.40	.89	.38	1.74	.38	1.82	1.39	2.81	2.81
87	1.59	.85	.65	1.28	1.00	.88	.60	2.28	1.20	1.22	2.14	.75	2.28
88	1.80	2.22	2.38	1.71	1.56	.85	.99	1.99	1.76	2.42	1.87	.15	2.42
89	.82	1.36	2.65	1.41	2.21	3.68	2.56	2.00	2.60	1.60	.64	.77	3.68
90	.97	.31	1.34	1.12	3.02	.69	1.84	1.41	1.25	3.01	.96	.80	3.02
91	1.85	.35	1.36	1.57	1.05	1.39	2.14	1.80	2.22	1.70	.14	1.19	2.22
.....													
GREATEST	2.22	2.69	2.65	2.60	3.02	3.68	5.41	9.01	3.48	4.11	5.66	2.81	9.01
.....													
TOTAL OBS	1385	1262	1384	1337	1383	1344	1414	1436	1371	1395	1350	1409	16470

THE GREATEST VALUE OF 9.01 OCCURRED ON 08/04/67

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4601-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	75.7	76.6	86.4	96.9	100.0	100.0	100.0	100.0	100.0	99.5	94.8	84.7	93.0
TRACE	12.5	14.1	9.5	2.5						.5	4.4	10.9	4.5
0.1-0.4	4.0	2.4	1.5	.2							.2	1.5	.8
0.5-1.4	4.1	2.4	1.1	.3							.2	1.1	.8
1.5-2.4	1.5	1.4	.5	.2							.2	.7	.4
2.5-3.4	.6	1.3	.3									.4	.2
3.5-4.4	.6	.4	.2								.1	.3	.1
4.5-6.4	.8	.8	.3								.1	.2	.2
6.5-10.4	.3	.3	.2								.1	.2	.1
10.5-15.4		.2											.0
15.5-25.4		.1											.0
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	11.8	9.3	4.1	.6							.9	4.4	2.5
TOTAL NO. OF OBSERVATIONS	1302	1186	1302	1260	1302	1260	1322	1343	1281	1302	1260	1302	15422

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER APB DE
LST TO UTC: +05

PERIOD OF RECORD: 4601-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	7.2	2.0	.0	.0	.0	.0	.0	.0	.0*				9.2*
49							.0*	.0					.0*
50								.0*	.0	.0	TRACE	TRACE	TRACE*
51	5.8	.9	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	9.1
52	5.1	1.6	1.5	.0	.0	.0	.0	.0	.0	TRACE	1.2	TRACE	9.4
53	1.4	1.0	3.0	TRACE	.0	.0	.0	.0	.0	.0	7.0	TRACE	12.4
54	10.7	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.4	11.2
55	1.9	7.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4	10.0
56	3.1	TRACE	9.7	2.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	15.0
57	6.6	4.4	TRACE	1.1	.0	.0	.0	.0	.0	TRACE	TRACE	2.1	14.2
58	.5	15.0	7.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	6.1	28.7
59	3.1	TRACE	TRACE	.4	.0	.0	.0	.0	.0	.0	TRACE	.6	4.1
60	TRACE	5.7	12.3	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	6.8	24.8
61	10.0	5.4	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	1.2	18.2
62	8.9	8.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.7	23.2
63	2.4	1.2	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1	6.0
64	9.0	10.4	3.8	1.0	.0	.0	.0	.0	.0	.0	TRACE	.8	25.0
65	10.7	3.3	6.4	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	21.5
66	21.5	7.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	11.2	40.3
67	2.6	32.9	TRACE	.0	.0	.0	.0	.0	.0	.0	9.0	9.1	53.6
68	2.0	4.5	1.7	.0	.0	.0	.0	.0	.0	.0	TRACE	5.5	13.7
69	2.3	5.3	20.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.3	29.1
70	8.5	2.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	4.1	15.4
71	6.0	.9	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.2
72	1.1	13.5	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	14.6
73	.0	3.8	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	1.4	5.4
74	TRACE	8.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.8
75	2.8	2.0	2.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.2	7.4
76	2.2	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	3.5	7.6
77	8.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.3
78	4.8	21.1	9.9	TRACE	.0	.0	.0	.0	.0	.0	2.0	TRACE	37.8
79	8.9	33.9	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.2	43.0
80	8.4	2.0	5.9	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	16.3

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4601-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	1.0	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	TRACE	2.7	4.5
82	10.3	7.9	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	7.1	27.3
83	TRACE	11.8	TRACE	.3	.0	.0	.0	.0	.0	.0	TRACE	TRACE	12.1
84	4.2	.1	1.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.5
85	10.2	TRACE	TRACE	1.1	.0	.0	.0	.0	.0	.0	.0	4.0	15.3
86	3.2	10.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	13.8
87	19.8	13.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.3	.4	34.3
88	9.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	9.0
89	1.5	7.2	2.5	.0	.0	.0	.0	.0	.0	.0	5.0	13.6	29.8
90	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	2.3	2.3
91	5.1	1.1	.8	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.0
LEAST	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.3
GREATEST	21.5	33.9	20.2	2.2	.0	.0	.0	.0	.0	TRACE	9.0	13.6	53.6
MEAN	5.5	6.2	2.1	.2	.0	.0	.0	.0	.0	TRACE	.6	2.2	17.1
MEDIAN	4.5	3.6	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.5	13.8
SD	4.931	7.951	4.208	.534	.000	.000	.000	.000	.000	.000	1.890	3.324	12.073
TOTAL OBS	1302	1186	1302	1260	1302	1260	1322	1343	1281	1302	1260	1302	15422

THE GREATEST VALUE OF 33.9 OCCURRED ON 02/79

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4601-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	6.2	1.0	.0	.0	.0	.0	.0	.0	.0*				6.2*
49							.0*	.0					.0*
50								.0*	.0	.0	TRACE	TRACE	TRACE*
51	3.8	.7	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	3.8
52	3.3	1.6	1.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	TRACE	3.3
53	.9	1.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	4.7	TRACE	4.7
54	6.6	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.2	6.6
55	1.0	4.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4	4.3
56	1.1	TRACE	6.5	2.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.5
57	2.1	2.3	TRACE	1.1	.0	.0	.0	.0	.0	TRACE	TRACE	2.0	2.3
58	.5	6.0	4.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.0	6.0
59	2.1	TRACE	TRACE	.4	.0	.0	.0	.0	.0	.0	TRACE	.6	2.1
60	TRACE	2.0	5.1	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	5.1	5.1
61	4.0	3.2	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	.9	4.0
62	6.3	3.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.8	6.3
63	1.1	1.0	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	1.7
64	5.8	5.6	2.5	1.0	.0	.0	.0	.0	.0	.0	TRACE	.8	5.8
65	4.5	2.1	4.1	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	4.5
66	6.8	4.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	9.1	9.1
67	2.0	11.0	TRACE	.0	.0	.0	.0	.0	.0	.0	9.0	3.8	11.0
68	.7	3.0	1.5	.0	.0	.0	.0	.0	.0	.0	TRACE	5.4	5.4
69	1.3	5.0	8.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.7	8.2
70	3.4	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.4
71	5.1	.7	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.1
72	.8	4.4	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	4.4
73	.0	2.5	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	2.5
74	TRACE	6.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.2
75	2.8	1.6	2.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.1	2.8
76	1.5	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	2.3	2.3
77	2.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.7
78	1.4	13.0	5.0	TRACE	.0	.0	.0	.0	.0	.0	2.0	TRACE	13.0
79	4.0	17.9	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.2	17.9
80	6.8	1.4	4.5	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.8

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4601-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.3	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1	2.1
82	2.8	3.3	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	7.1	7.1
83	TRACE	8.4	TRACE	.3	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.4
84	1.7	.1	.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.7
85	3.5	TRACE	TRACE	1.1	.0	.0	.0	.0	.0	.0	.0	4.0	4.0
86	1.6	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.6
87	7.0	8.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.3	.2	8.4
88	6.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.2
89	1.0	6.2	1.5	.0	.0	.0	.0	.0	.0	.0	3.6	5.2	6.2
90	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	2.3	2.3
91	4.0	1.1	.8	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.0
GREATEST	7.0	17.9	8.2	2.2	.0	.0	.0	.0	.0	TRACE	9.0	9.1	17.9
TOTAL OBS	1302	1186	1302	1260	1302	1260	1322	1343	1281	1302	1260	1302	15422

THE GREATEST VALUE OF 17.9 OCCURRED ON 02/19/79

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4909,5008-9112
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	75.6	76.3	92.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	98.8	88.1	94.3
TRACE	8.5	7.4	2.2	.7							.5	5.4	2.0
1	4.8	5.0	1.8	.1							.2	2.2	1.2
2	3.4	3.2	1.1								.2	1.8	.8
3	2.7	1.4	1.0									.5	.5
4-6	3.2	3.5	1.1								.2	1.1	.7
7-12	1.3	2.1	.4									1.0	.4
13-24	.6	1.0											.1
25-36		.1											.0
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	16.0	16.3	5.4	.1							.7	6.5	3.7
TOTAL NO. OF OBSERVATIONS	1395	1271	1395	1350	1395	1350	1414	1436	1385	1395	1349	1425	16560

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4909,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42												2	2*
43	TRACE	0	2	0	0	0	0	0	0	0	TRACE	0	2
44	3	TRACE	3	1	0	0	0	0	0	0	0	5	5
45	TRACE	2	0	0	0	0	0	0	0	0	0	12	12
46	6	5	0	0	0	0	0	0	0*				6*
49							0*	0	0*				0*
50								0*	0	0	0	TRACE	TRACE*
51	TRACE	1	TRACE	0	0	0	0	0	0	0	0	0	1
52	2	2	1	0	0	0	0	0	0	0	2	TRACE	2
53	1	TRACE	2	0	0	0	0	0	0	0	4	TRACE	4
54	7	0	0	0	0	0	0	0	0	0	0	TRACE	7
55	1	4	0	0	0	0	0	0	0	0	TRACE	0	4
56	2	0	4	TRACE	0	0	0	0	0	0	0	0	4
57	3	1	0	TRACE	0	0	0	0	0	0	0	2	3
58	5	7	3	0	0	0	0	0	0	0	0	3	7
59	2	TRACE	TRACE	0	0	0	0	0	0	0	0	1	2
60	0	2	8	0	0	0	0	0	0	0	0	5	8
61	9	8	0	0	0	0	0	0	0	0	1	1	9
62	4	3	1	0	0	0	0	0	0	0	0	1	4
63	1	1	0	0	0	0	0	0	0	0	0	2	2
64	9	6	3	1	0	0	0	0	0	0	0	1	9
65	5	2	3	0	0	0	0	0	0	0	0	0	5
66	18	19	0	0	0	0	0	0	0	0	0	10	19
67	2	11	0	0	0	0	0	0	0	0	0	8	11
68	3	1	3	0	0	0	0	0	0	0	0	5	5
69	2	2	12	0	0	0	0	0	0	0	0	0	12
70	7	2	0	0	0	0	0	0	0	0	0	1	7
71	3	TRACE	TRACE	0	0	0	0	0	0	0	0	0	3
72	1	3	0	TRACE	0	0	0	0	0	0	0	0	3
73	0	2	TRACE	0	0	0	0	0	0	0	0	2	2
74	TRACE	6	0	0	0	0	0	0	0	0	0	0	6
75	3	TRACE	1	0	0	0	0	0	0	0	0	TRACE	3

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4909,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	2	1	1	0	0	0	0	0	0	0	1	1	2
77	3	0	0	0	0	0	0	0	0	0	0	0	3
78	1	16	6	0	0	0	0	0	0	0	2	0	16
79	3	25	TRACE	0	0	0	0	0	0	0	0	TRACE	26
80	6	3	8	0	0	0	0	0	0	0	0	TRACE	8
81	2	0	1	0	0	0	0	0	0	0	0	2	2
82	7	6	0	TRACE	0	0	0	0	0	0	0	5	7
83	0	13	0	TRACE	0	0	0	0	0	0	TRACE	0	13
84	3	TRACE	1	0	0	0	0	0	0	0	0	0	3
85	2	2	0	TRACE	0	0	0	0	0	0	0	4	4
86	2	5	0	0	0	0	0	0	0	0	0	0	5
87	17	11	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	17
88	7	TRACE	0	0	0	0	0	0	0	0	0	TRACE	7
89	1	6	3	0	0	0	0	0	0	0	5	10	10
90	TRACE	0	0	TRACE	0	0	0	0	0	0	0	2	2
91	3	1	0	0	0	0	0	0	0	0	0	0	3
GREATEST	18	26	12	1	0	0	0*	0*	0*	0	5	12	26*
TOTAL OBS	1395	1271	1395	1350	1395	1350	1414	1436	1385	1395	1349	1425	16560

THE GREATEST VALUE OF 26 OCCURRED ON 02/20/79

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 4907-4908,5008-5206
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
50 - 51	NOV 25	JAN 30	FEB 08	MAR 26	MAR 22	FEB 11
51 - 52	NOV 03	DEC 14	JAN 05	MAR 16	MAR 03	MAR 02
MEDIAN-DATE	NOV 14	JAN 06	JAN 22	MAR 21	MAR 12	FEB 20

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCC
PPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCCC

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PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE

FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4601-4603,4907-4907,5501-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
46	W *38	WNW*48	W *50										W *50
49							NW *39						NW *39
55	NW 45	WNW 45	W 54	NW 36	SW 36	ENE 43	WNW 45	ENE 52	NNW 37	ENE 51	WNW 48	NW 39	W 54
56	WNW 43	WSW 69	WNW 44	NNW 40	SW 36	S *38	S *46	NNW 27	WNW 42	WNW 28	SSW 38	WNW 36	WSW*69
57	NNW 50	NW 32	NW 33	NW 40	WNW 25	WNW 42	WNW 33	W 33	WSW 26	ENE 38	SSW 42	N 40	NNW 50
58	NE 35	WNW 38	NW 44	ESE 35	SW 50	W 40	W 35	ENE 26	N 29	WNW 33	WNW 34	W 39	SW 50
59	WNW 41	NW 42	SW 44	W 33	WSW 30	NW 34	WSW 28	NNE 34	E 29	SSW*26	S 37	WSW 36	SW *44
60	S 41	E 45	WNW 40	W 32	NW 26	WNW 29	NNE 33	WNW 32	NNW 56	WNW 34	W 34	N 42	NNW 56
61	NNW 37	SW 45	E 38	E 38	WNW*30	W *37	SW *17	S *18	N *36	NNE*28	WNW*38	W *37	SW *45
62	SW 36	NW 29	ENE 50	W 34	SW 38	WSW 26	WSW 45	SW 28	W 28	W *31	ESE 48	WNW 52	WNW*52
63	WNW 43	NW 38	W 49	W 46	NW 34	ENE 40	WNW 27	NW 30	SSW 32	NNW 36	E 40	WNW 31	W 49
64	NW 41	NNW 41	SW 53	SW 41	W 29	W 42	NW 30	SW 27	W 28	NW 29	SW 36	WSW 42	SW 53
65	NNW 40	SW 46	E 40	NW 40	WNW 33	N 33	SSW 32	WNW 31	SW 33	SE 45	NW 42	SSW 34	SW 46
66	W 48	W 42	W 43	SW 30	NW 32	SW 46	N 26	SW 29	E 32	NW 33	SSW 34	N 40	W 48
67	WNW 40	W 46	WNW 41	W 38	SW 40	SW 28	NW 32	N 29	N 34	SSE*30	NNW 34	NW 32	W *46
68	E 39	NW 43	WNW 42	SW 41	E 40	ESE 29	36/ 35	21/ 36	34/ 27	32/ 30	07/*46	27/ 43	07/*46
69	27/ 35	31/ 47	34/ 36	05/ 48	21/ 35	17/ 26	30/ 30	19/ 23	30/ 24	32/ 33	30/ 38	30/ 43	05/ 48
70	30/ 34	33/ 43	18/ 33	24/ 50	32/ 32	32/ 42	30/ 30	03/*23	32/ 34	33/ 27	30/ 31	31/ 38	24/*50
71	29/ 50	19/ 44	24/ 74	03/ 40	20/ 37	23/ 26	30/ 31	03/ 40	15/ 22	23/ 34	33/ 51	31/ 46	24/ 74
72	21/ 45	27/ 53	24/ 53	12/ 29	05/ 31	31/ 58	30/ 29	19/ 27	30/ 30	34/ 45	24/ 46	09/ 61	09/ 61
73	34/ 38	23/ 48	21/ 52	29/ 39	29/ 38	32/ 38	33/ 31	21/ 21	34/ 31	09/ 35	29/ 44	07/ 39	21/ 52
74	21/ 34	16/ 42	29/ 41	23/ 37	32/ 43	30/ 45	29/ 28	17/ 38	32/ 52	32/ 34	27/ 40	09/ 58	09/ 58
75	27/ 47	23/ 35	31/ 39	28/ 51	30/ 33	35/ 42	32/ 52	08/ 25	29/ 42	32/ 31	30/ 35	04/ 34	32/ 52
76	29/ 48	30/ 60	31/ 51	28/ 34	27/*39	20/*29	34/ 31	35/ 42	06/ 30	29/ 37	30/ 34	30/ 41	30/*60
77	29/ 47	27/ 42	30/ 47	23/ 33	36/ 49	20/ 25	01/ 45	32/ 34	32/ 45	27/ 39	32/ 37	29/ 41	36/ 49
78	20/ 59	32/ 40	18/ 40	24/ 45	08/ 35	30/ 29	27/ 37	25/ 34	24/ 29	32/ 34	21/ 30	30/ 44	20/ 59
79	33/ 40	31/ 39	25/ 38	31/ 46	21/ 36	32/ 35	36/ 36	29/ 36	21/ 42	29/ 40	17/ 40	31/ 36	31/ 46
80	32/ 35	34/ 33	32/ 46	32/ 37	24/ 33	32/ 58	15/ 35	26/*48	20/ 34	19/ 42	33/ 36	27/ 42	32/*58
81	22/ 36	25/ 47	32/ 39	20/ 37	16/ 26	33/ 40	24/ 37	27/ 30	32/ 32	24/ 32	31/ 32	30/ 36	25/ 47
82	28/ 44	19/ 30	22/ 38	31/ 40	35/ 28	27/ 39	33/ 27	21/ 28	09/ 31	01/ 37	18/ 37	20/ 33	28/ 44
83	32/ 30	05/ 39	32/ 37	28/ 32	31/ 35	18/ 24	27/ 62	33/ 40	05/ 28	12/ 28	29/ 35	22/ 46	27/ 62
84	36/ 31	29/ 32	06/ 48	30/ 27	30/ 54	29/ 36	27/ 31	32/ 23	28/ 33	06/ 26	28/ 36	23/ 29	30/ 54
85	31/ 39	29/ 37	28/ 46	20/ 37	01/ 29	32/ 35	29/ 38	30/ 48	30/ 60	29/ 31	10/ 46	30/ 42	30/ 60

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AF3 DE
LST TO UTC: +05

PERIOD OF RECORD: 4601-4603,4907-4907,5501-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
86	31/ 33	32/ 29	21/ 48	13/ 28	26/ 32	26/ 30	33/ 26	23/ 38	36/ 34	34/ 32	35/ 35	11/ 45	21/ 48
87	35/ 40	35/ 42	30/ 34	22/ 34	07/ 27	33/ 32	31/ 46	30/ 24	29/ 26	27/ 31	32/ 43	28/ 32	31/ 46
88	31/ 32	27/ 35	27/ 34	35/ 38	29/ 35	35/ 57	32/ 33	18/ 40	28/ 23	28/ 34	19/ 36	27/ 45	35/ 57
89	29/ 40	19/ 40	30/ 35	22/ 34	33/ 37	27/ 51	24/ 24	06/ 23	33/ 42	06/ 33	33/ 47	32/ 36	27/ 51
90	27/ 33	31/ 35	21/ 41	21/ 43	27/ 36	19/ 36	35/ 36	23/ 34	28/ 26	30/ 40	28/ 41	26/ 39	21/ 43
91	30/ 40	24/ 34	31/ 37	33/ 31	29/ 30	36/ 23	28/ 28	26/ 38	30/ 35	35/ 35	22/ 36	32/ 43	32/ 43
GREATEST	20/ 59	WSW 69	24/ 74	28/ 51	30/ 54	31/ 58	27/ 62	ENE 52	30/ 60	ENE 51	33/ 51	09/ 61	24/ 74
TOTAL OBS	1170	1064	1163	1102	1134	1063	1120	1098	1089	1116	1085	1138	13342

THE PEAK WIND OF 74 FROM 24/ OCCURRED ON 03/19/71

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4601-4603,4907-4907,5501-9112
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.2	5.2	18.9	23.6	19.3	15.3	9.6	4.6	3.1	.3	.0	21.2	20.0	1170
FEB	.0	3.4	18.9	21.6	19.5	16.5	10.2	5.0	4.5	.2	.1	22.2	21.0	1064
MAR	.0	1.7	12.7	22.3	23.8	19.6	10.2	4.9	4.0	.6	.1	23.2	22.0	1163
APR	.0	.9	13.2	25.0	27.0	19.8	9.3	3.2	1.5	.2	.0	22.1	22.0	1102
MAY	.0	1.6	18.4	34.7	26.2	11.7	4.9	1.9	.4	.2	.0	19.7	19.0	1134
JUN	.0	3.0	24.2	34.9	22.7	9.2	2.8	1.5	1.3	.4	.0	18.7	18.0	1063
JUL	.0	4.7	34.8	33.6	16.6	6.2	2.4	.9	.6	.2	.0	17.1	16.0	1120
AUG	.1	6.2	39.1	31.6	15.0	4.3	2.1	.7	.7	.2	.0	16.3	15.0	1098
SEP	.0	6.0	32.2	34.1	17.4	6.4	2.2	.8	.6	.3	.0	17.0	16.0	1089
OCT	.2	7.1	26.6	26.9	23.4	10.8	3.2	1.1	.6	.1	.0	18.1	17.0	1116
NOV	.2	5.2	20.7	23.1	21.8	14.8	8.8	3.1	2.1	.1	.0	20.4	20.0	1085
DEC	.4	5.4	21.6	22.2	19.9	14.7	9.3	3.9	2.3	.4	.0	20.6	20.0	1138
ANNUAL	.1	4.2	23.4	27.7	21.1	12.5	6.3	2.7	1.8	.3	.0	19.7	18.0	13342

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	3.8	1.6	.3								8.9	6.5	6.0
020-040	1.7	1.1	1.5	.1	.2							4.6	7.8	7.0
050-070	1.2	1.5	.4		.1							3.2	6.6	6.0
(E) 080-100	1.0	.6	.3	.1								2.0	5.6	5.0
110-130	.4	1.2	.2									1.8	5.8	6.0
140-160	3.0	.5										3.5	3.0	3.0
(S) 170-190	4.7	2.2	.3									7.2	4.2	4.0
200-220	2.8	4.3	1.9									9.0	6.5	7.0
230-250	3.9	2.9	1.2	.2								8.2	5.7	5.0
(W) 260-280	4.4	3.9	2.0	.3	.2							10.9	6.5	5.0
290-310	3.1	5.1	4.0	1.4	.5							14.1	8.7	8.0
320-340	4.3	5.7	2.7	.6	.1							13.4	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											13.0	////////	
TOTALS	33.7	32.8	16.1	3.0	1.1							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	3.0	1.5	.2								8.3	5.9	6.0
020-040	1.4	1.1	1.5	.1	.1	.1						4.3	8.1	7.0
050-070	1.4	1.0	.8	.1								3.2	6.2	5.5
(E) 080-100	.8	1.8	.6	.2								3.4	7.7	7.0
110-130	.9	1.3	.1	.1								2.4	5.5	5.0
140-160	2.6	1.2	.2									4.0	4.3	4.0
(S) 170-190	3.8	1.9										5.7	3.8	4.0
200-220	3.1	3.2	1.4									7.7	6.1	5.5
230-250	4.2	3.3	.9									8.4	5.0	4.5
(W) 260-280	4.1	3.1	1.9	.9	.1							10.1	6.9	6.0
290-310	2.9	5.4	4.9	2.0	.4							15.7	9.2	9.0
320-340	3.3	6.1	3.1	.2	.1							12.9	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											13.9	////////	
TOTALS	32.0	32.4	16.9	3.8	.7	.1						100.0	5.8	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.2	3.0	1.4	.1								7.7	6.0	6.0
020-040	1.4	1.6	1.3	.2	.3							4.8	8.6	8.0
050-070	1.1	1.2	.5	.2								3.0	6.7	6.5
(E) 080-100	1.0	.6	.5	.1								2.3	6.1	6.0
110-130	1.7	1.2	.4	.1								3.4	5.6	4.5
140-160	1.7	.9	.3									2.9	4.9	4.0
(S) 170-190	2.6	2.2	.3									5.1	4.8	4.0
200-220	3.8	4.1	1.1									8.9	5.5	5.0
230-250	3.8	4.1	.9	.1								8.8	5.4	5.0
(W) 260-280	4.2	3.3	2.2	.4								10.1	6.5	5.5
290-310	2.8	4.6	4.8	1.5	.4							14.2	9.0	8.5
320-340	4.5	6.0	3.7	.5								14.7	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											14.0	////////	
TOTALS	31.8	32.8	17.4	3.2	.7							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	4.2	3.8	.3	.2							11.6	8.0	8.0
020-040	1.0	2.6	2.2	.4	.1							6.2	8.2	8.5
050-070	.8	1.4	.9	.1								3.1	7.5	7.0
(E) 080-100	.9	.9	1.0	.2	.1							3.0	8.1	6.5
110-130	.8	1.1	.3									2.2	5.9	5.0
140-160	1.6	1.7	.4									3.8	5.5	5.0
(S) 170-190	1.8	2.2	1.2	.2								5.4	7.0	6.5
200-220	2.4	4.4	2.0	.2								9.0	6.8	6.0
230-250	2.3	4.8	2.2	.3								9.6	7.2	7.0
(W) 260-280	2.3	4.1	3.1	1.0	.2							10.6	8.5	8.0
290-310	1.9	4.4	5.5	3.1	1.6							16.6	11.2	11.0
320-340	1.5	4.3	5.8	2.0	.2							13.9	10.2	10.0
VARIABLE														
CALM	////////////////////////////////////											5.1	////////	
TOTALS	20.4	36.1	28.4	7.8	2.4							100.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	5.4	2.9	.5	.4							11.3	8.4	8.0
020-040	1.4	1.4	.9	.1								3.8	6.7	6.0
050-070	1.7	2.2	.9	.3								5.1	7.0	6.0
(E) 080-100	1.6	1.4	1.1	.2	.1							4.4	7.2	6.0
110-130	1.5	1.2	.3									3.0	5.1	4.5
140-160	.6	.8	.1									1.5	5.1	5.5
(S) 170-190	.8	2.7	.9	.2								4.5	7.7	8.0
200-220	1.0	3.0	4.0	1.5	.2							9.7	10.3	10.0
230-250	1.4	3.7	3.0	.2								8.3	8.0	7.0
(W) 260-280	1.4	3.3	3.2	1.2	.3							9.5	9.6	9.5
290-310	1.7	4.8	7.7	5.2	1.5	.1						21.1	11.9	12.0
320-340	1.6	4.6	6.0	2.2	.3							14.7	10.1	10.0
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	16.7	34.5	31.0	11.6	2.8	.1						100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	4.1	1.9	.5	.2							10.0	7.3	7.0
020-040	1.7	2.2	1.2	.1	.1							5.3	7.0	7.0
050-070	1.1	1.2	.6		.1							3.0	6.6	6.0
(E) 080-100	3.0	2.5	.2	.4								6.1	5.5	5.0
110-130	3.4	2.5	.2									6.1	4.3	4.0
140-160	1.0	.4	.3									1.7	5.3	4.0
(S) 170-190	.4	1.0	1.0	.3								2.7	9.0	8.0
200-220	1.3	4.3	3.4	.2								9.2	8.4	8.0
230-250	2.3	3.5	1.1	.3								7.2	6.9	7.0
(W) 260-280	2.9	3.9	2.6	.9	.4							10.6	8.2	7.0
290-310	2.2	5.2	7.0	3.9	1.4							19.6	11.2	11.0
320-340	2.4	4.2	4.5	1.3	.9							13.2	9.5	10.0
VARIABLE														
CALM	////////////////////////////////////											5.2	////////////////////////////////	
TOTALS	24.9	35.0	24.0	7.9	3.1							100.0	7.8	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	4.2	1.0			.1						8.6	5.8	5.5
020-040	3.2	1.6	.9	.1	.2							6.0	6.0	4.0
050-070	.4	1.5	.2									2.2	6.4	6.5
(E) 080-100	1.5	.4	.4	.4								2.8	6.7	4.0
110-130	2.0	.6										2.7	3.6	3.0
140-160	3.3	.9	.2									4.4	3.7	3.0
(S) 170-190	5.3	3.1	1.2									9.6	4.9	4.0
200-220	2.4	3.8	1.4	.4								8.0	6.9	6.5
230-250	3.9	2.4	.2									6.5	4.1	4.0
(W) 260-280	4.3	2.5	2.2	.5								9.5	6.5	6.0
290-310	2.8	4.5	4.6	2.3	.2							14.4	9.3	9.0
320-340	4.3	5.1	2.5	1.1	.1							13.0	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											12.3	////////	
TOTALS	36.7	30.6	14.8	4.8	.5	.1						100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	4.2	1.8	.3	.1							10.5	6.5	5.0
020-040	1.4	1.6	1.0	.4	.2							4.6	8.4	8.0
050-070	1.2	.5	.8									2.5	6.2	6.0
(E) 080-100	1.1	.3	.1	.2								1.7	5.8	4.0
110-130	.9	.2	.3									1.4	4.9	3.0
140-160	3.1	.4										3.5	3.1	3.0
(S) 170-190	5.7	3.0	.4	.4								9.6	4.7	4.0
200-220	3.4	4.3	2.6	.4								10.8	6.8	6.5
230-250	3.0	2.0	.5									5.6	5.2	4.0
(W) 260-280	2.7	3.2	1.6	.5	.1							8.2	7.1	6.0
290-310	2.6	5.4	4.5	2.2	.6							15.3	9.6	9.0
320-340	4.5	5.1	2.5	1.1	.1							13.2	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											13.1	////////	
TOTALS	33.7	30.2	16.1	5.5	1.1							100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	4.0	2.0	.3	.1	.0						9.6	6.9	6.0
020-040	1.7	1.6	1.3	.2	.2	.0						5.0	7.6	7.0
050-070	1.1	1.3	.6	.1	.0							3.2	6.7	6.0
(E) 080-100	1.3	1.1	.5	.2	.0							3.2	6.6	5.0
110-130	1.5	1.2	.2	.0								2.9	5.0	4.0
140-160	2.1	.8	.2									3.2	4.2	3.0
(S) 170-190	3.1	2.3	.7	.1								6.2	5.3	4.0
200-220	2.5	3.9	2.2	.3	.0							9.0	7.2	7.0
230-250	3.1	3.3	1.2	.1								7.8	6.0	5.0
(W) 260-280	3.3	3.4	2.4	.7	.2							9.9	7.5	6.0
290-310	2.5	4.9	5.4	2.7	.8	.0						16.4	10.2	10.0
320-340	3.3	5.1	3.8	1.1	.2							13.6	8.3	8.0
VARIABLE														
CALM	////////////////////											10.0	////////	
TOTALS	28.7	32.9	20.5	5.8	1.5							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.9	9.5	4.0	1.3	.3	.1					18.2	8.5	8.0
020-040	3.3	5.1	2.8	.3	.7	.1					12.3	8.1	8.0
050-070	1.1	2.5	1.5	.3	.2						5.7	8.5	8.0
(E) 080-100	1.1	1.4	2.2	1.5	.2						6.4	10.6	11.0
110-130	1.0	2.4	.9	.2							4.5	7.0	6.0
140-160	1.3	1.9	.8								3.9	6.2	6.0
(S) 170-190	.9	1.7	1.2	.5							4.4	8.5	7.0
200-220	.8	2.8	2.0	.4	.2						6.2	9.2	8.0
230-250	1.9	2.9	1.0	.3							6.1	6.9	6.0
(W) 260-280	2.5	2.4	.5								5.4	5.3	5.0
290-310	1.2	2.6	3.5	1.2	.4						8.9	10.3	10.0
320-340	2.0	6.8	2.7	.5	.3						12.3	8.3	8.0
VARIABLE													
CALM	////////////////////////////////////										5.7	////////////////////////////////	
TOTALS	20.0	42.0	23.1	6.5	2.3	.2					100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	5.2	1.3	.8	.1							13.1	6.2	5.0
020-040	2.2	1.5	.4	.4								4.5	5.6	4.5
050-070	1.8	1.4	.6	.4								4.1	6.7	5.0
(E) 080-100	1.5	.9	.2	.7								3.4	7.2	5.0
110-130	2.4	1.7	.1									4.1	4.5	4.0
140-160	1.9	.7										2.6	3.8	4.0
(S) 170-190	3.8	3.1	.6		.1							7.6	5.3	4.5
200-220	4.4	4.5	2.0	1.2	.4							12.4	7.6	7.0
230-250	2.8	2.2	.2	.2								5.6	5.3	4.0
(W) 260-280	3.2	.9	.8	.6								5.6	6.5	4.0
290-310	2.2	3.3	2.7	1.4	.1							9.8	8.9	8.0
320-340	6.4	4.6	3.7	.7	.1	.1						15.6	7.3	6.0
VARIABLE														
CALM	////////////////////											11.6	////////	
TOTALS	38.3	30.0	12.6	6.4	.8	.1						100.0	5.9	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	4.8	1.5	.6	.1							12.8	6.1	5.0
020-040	2.4	3.4	.8		.2							6.9	6.3	5.0
050-070	3.1	1.8	.7	.2								5.8	5.4	4.0
(E) 080-100	3.1	1.2	.2	.1								4.6	4.7	4.0
110-130	1.2	.7	.1									2.0	4.4	4.0
140-160	1.3	.5										1.8	3.3	3.0
(S) 170-190	3.2	2.1	.7									6.0	5.1	4.0
200-220	2.4	3.5	2.8	1.2	.1							10.0	8.4	8.0
230-250	2.7	1.9	1.1									5.7	5.6	5.0
(W) 260-280	2.8	2.1	.9	.6	.1							6.6	6.8	5.0
290-310	2.8	4.3	2.8	1.2	.2							11.3	8.5	8.0
320-340	3.9	6.3	3.5	1.3								15.0	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											11.5	////////	
TOTALS	34.6	32.6	15.1	5.2	.7							100.0	5.9	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	4.4	2.1	.6	.6							12.6	7.4	6.0
020-040	2.5	2.8	1.2	.1								6.6	6.3	6.0
050-070	1.8	2.7	.5	.5								5.4	6.7	6.0
(E) 080-100	1.4	1.8	.2	.1	.1							3.7	5.7	5.0
110-130	1.8	.9	.1									2.8	4.0	3.5
140-160	1.4	.5										1.9	3.6	3.0
(S) 170-190	3.3	2.6	.5									6.4	4.8	4.0
200-220	2.7	4.1	2.6	1.1	.1							10.6	8.2	7.0
230-250	2.6	1.8	.9	.1								5.4	5.9	5.0
(W) 260-280	3.1	1.5	1.3	.2								6.1	6.3	4.5
290-310	1.5	3.9	3.0	.9	.2							9.6	9.1	8.0
320-340	5.2	6.3	4.3	1.4	.2							17.4	7.7	6.0
VARIABLE														
CALM	////////////////////											11.3	////////	
TOTALS	32.3	33.3	16.7	5.0	1.2							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	6.4	3.9	.5	.2	.2						13.0	8.8	8.0
020-040	1.7	5.0	2.4	.5								9.5	7.8	7.0
050-070	1.5	2.8	.5	.4								5.2	6.8	6.0
(E) 080-100	1.7	2.6	.1		.4							4.7	6.8	5.5
110-130	2.0	1.9	.1									4.0	5.0	4.5
140-160	.9	1.1	.1									2.1	4.7	5.0
(S) 170-190	1.7	2.0	1.1	.2	.1							5.1	7.1	6.0
200-220	1.5	2.7	2.8	2.6	.2							9.9	10.6	10.5
230-250	2.5	3.0	2.5	.2								8.2	7.5	8.0
(W) 260-280	.8	2.7	1.5	1.2	.4							6.6	10.1	9.0
290-310	1.5	2.8	4.4	2.5	.8							12.1	11.1	11.0
320-340	1.2	4.7	7.2	2.2	.4							15.7	10.5	10.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////	
TOTALS	18.8	37.7	26.6	10.3	2.5	.2						100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	6.7	3.1	.6	.5	.1						13.6	8.2	7.0
020-040	2.2	2.8	1.3		.2							6.6	6.6	6.0
050-070	1.3	2.4	.4	.2	.1							4.4	6.9	6.0
(E) 080-100	1.4	3.2	.4									5.0	5.8	6.0
110-130	3.2	3.4	1.3									7.9	5.9	5.0
140-160	.7	.6	.6									1.9	6.0	5.0
(S) 170-190	.5	1.1	.4	.2	.4							2.5	10.1	8.0
200-220	1.1	2.4	3.4	2.7	.2							9.8	11.2	12.0
230-250	.4	2.6	2.5	1.2								6.6	10.5	10.0
(W) 260-280	2.1	2.2	2.7	1.2	.2							8.5	9.0	9.0
290-310	1.1	3.9	8.2	3.2	.8	.1						17.3	11.7	12.0
320-340	1.1	4.6	5.9	2.0	.2							13.8	10.2	10.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////	
TOTALS	17.7	35.9	30.2	11.3	2.6	.2						100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	6.7	2.6	.5	.6							13.5	7.7	7.0
020-040	1.2	1.5	.1	.1	.1							3.1	6.3	5.0
050-070	1.1	1.8	.7									3.5	7.0	6.5
(E) 080-100	3.2	2.4	.1	.1								5.8	4.9	4.0
110-130	3.0	5.0	.9									8.9	5.8	6.0
140-160	1.9	1.5	.5									3.9	5.4	5.0
(S) 170-190	1.1	1.7	.4	.1								3.2	6.4	5.0
200-220	.5	2.4	3.4	1.3	.4							7.9	11.1	11.0
230-250	.9	3.2	2.4	.1								6.6	8.3	8.0
(W) 260-280	1.4	5.0	1.5	1.2	.6							9.7	9.2	8.0
290-310	1.2	5.6	6.7	2.4	.4							16.2	10.6	10.0
320-340	1.8	6.9	5.0	.6	.2							14.4	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////	
TOTALS	20.4	43.7	24.3	6.4	2.3							100.0	8.0	8.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	4.0	2.1	.9	.4	.1	.1					11.7	7.7	6.0
020-040	2.1	.9	.2	.1								3.4	4.7	3.0
050-070	1.5	1.5	.7	.1								3.9	6.0	6.0
(E) 080-100	1.8	2.0	.5	.1								4.4	5.8	5.0
110-130	4.3	2.5	.1									6.9	4.1	4.0
140-160	5.6	2.1										7.7	3.5	3.0
(S) 170-190	2.7	2.5	.6	.4								6.1	6.0	5.0
200-220	2.5	4.7	1.1	1.1								9.3	7.5	7.0
230-250	3.3	1.4		.2								5.0	4.6	4.0
(W) 260-280	2.8	1.7	.4	.7								5.6	5.8	4.0
290-310	2.6	5.1	1.8	1.4	.2							11.1	8.1	6.5
320-340	5.0	7.0	3.0	.6								15.5	7.1	7.0
VARIABLE														
CALM	////////////////////											9.5	////////	
TOTALS	38.2	35.4	10.5	5.6	.6	.1	.1					100.0	5.7	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	3.4	2.4	.2	.1	.1						10.8	7.0	6.0
020-040	1.7	1.8	.8									4.3	6.3	6.0
050-070	2.2	1.1	.5	.2								4.0	5.2	4.0
(E) 080-100	2.2	1.4	.2	.4								4.3	5.8	4.0
110-130	2.7	1.5										4.3	3.8	3.5
140-160	3.4	.8	.1									4.4	3.6	4.0
(S) 170-190	5.0	3.0	.9									8.9	5.0	4.0
200-220	5.6	3.2	2.7	.4								11.8	6.3	5.0
230-250	2.4	1.1	.1	.6								4.1	5.6	4.0
(W) 260-280	1.8	1.4	.9	.1								4.3	6.3	6.5
290-310	2.6	4.0	2.6	1.8	.5							11.5	9.0	8.0
320-340	4.3	7.4	2.5	1.2	.4							15.7	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											11.8	////////	
TOTALS	38.4	30.1	13.7	4.9	1.0	.1						100.0	5.7	5.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	5.2	2.4	.6	.3	.1	.0					12.6	7.4	6.0
020-040	2.0	2.5	.9	.1	.1							5.6	6.4	6.0
050-070	1.8	1.9	.6	.3	.0							4.6	6.3	5.0
(E) 080-100	2.0	1.9	.3	.2	.1							4.5	5.8	5.0
110-130	2.6	2.2	.4									5.1	4.9	4.5
140-160	2.1	1.0	.2									3.3	4.1	4.0
(S) 170-190	2.6	2.2	.6	.1	.1							5.7	5.8	5.0
200-220	2.6	3.4	2.6	1.4	.2							10.2	8.7	8.0
230-250	2.2	2.1	1.2	.3								5.9	6.9	6.0
(W) 260-280	2.3	2.2	1.3	.7	.2							6.6	7.8	7.0
290-310	2.0	4.1	4.0	1.8	.4	.0						12.4	9.8	10.0
320-340	3.6	6.0	4.4	1.3	.2	.0						15.4	8.3	8.0
VARIABLE														
CALM	////////////////////											8.1	////////	
TOTALS	29.8	34.7	18.9	6.8	1.6	.1						100.0	6.9	6.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	10.6	3.7	1.4	.7							20.9	7.9	7.0
020-040	2.2	4.8	2.8	.5								10.4	8.1	8.0
050-070	2.5	2.9	1.3	.7								7.4	7.0	6.5
(E) 080-100	2.6	3.6	.2	.9	.3							7.6	7.2	5.0
110-130	4.3	2.1	.7									7.0	4.6	4.0
140-160	2.2	1.2	.4									3.8	4.6	4.0
(S) 170-190	1.7	1.0	.4									3.2	5.3	4.0
200-220	1.3	2.2	1.4	1.0	.2							6.1	9.5	8.0
230-250	1.3	2.8	.7									4.8	6.7	7.5
(W) 260-280	2.0	1.0	.5	.1								3.6	5.6	4.0
290-310	1.5	1.6	1.5	.5								5.2	8.3	8.0
320-340	3.3	5.1	1.6	.9	.3							11.2	7.6	6.0
VARIABLE														
CALM	////////////////////											8.7	////////	
TOTALS	29.4	38.9	15.2	6.0	1.5							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 916

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	4.1	1.7	.1								11.3	5.5	5.0
020-040	1.6	2.4	1.6	.1	.2							5.9	7.8	6.0
050-070	1.3	1.7	1.1	.3		.1	.2					4.7	9.0	7.5
(E) 080-100	1.5	.9	.2	.1								2.7	4.7	3.0
110-130	.5	1.6	.2									2.4	6.1	6.0
140-160	2.2	1.4										3.5	4.0	4.0
(S) 170-190	3.9	2.6	1.0									7.4	5.3	4.0
200-220	4.2	5.9	2.9	1.2	.4							14.6	8.0	7.0
230-250	1.7	2.2	.8	.2	.1							4.9	6.5	6.0
(W) 260-280	1.9	1.7	.8	.1								4.5	5.7	5.0
290-310	1.3	3.9	4.1	1.1								10.3	9.5	9.5
320-340	4.3	6.2	3.2	.4	.1							14.3	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											13.3	////////	
TOTALS	29.8	34.6	17.6	3.6	.8	.1	.2					100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.9	3.1	2.4	.1								12.5	5.5	4.0
020-040	2.7	3.0	1.6	.4								7.7	6.9	6.0
050-070	1.0	2.3	1.3	.2		.2	.1					5.1	8.8	7.0
(E) 080-100	1.7	.5	.3	.4	.1							3.1	7.1	4.0
110-130	1.2	1.0	.2									2.4	4.5	4.5
140-160	1.8	1.2	.2									3.2	4.4	4.0
(S) 170-190	2.3	2.4	.9	.3								5.8	6.5	5.0
200-220	2.8	3.7	2.4	1.0	.2							10.0	8.0	7.0
230-250	2.0	3.2	.5	.1	.1							6.0	6.1	6.0
(W) 260-280	2.6	2.7	.6	.2								6.1	5.7	5.0
290-310	2.2	3.1	4.1	.9								10.2	8.8	9.0
320-340	4.0	5.5	3.8	.3	.1							13.7	7.4	7.0
VARIABLE														
CALM	////////////////////////////////////											14.2	////////	
TOTALS	31.2	31.7	18.3	3.9	.5	.2	.1					100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.1	4.1	1.9	.8								10.9	6.6	6.0
020-040	4.2	2.8	2.8	.4								10.2	6.9	6.0
050-070	1.1	2.9	1.3	1.0	.2	.2						6.7	9.6	8.0
(E) 080-100	1.4	1.2	1.1	.2	.2							4.1	7.8	6.5
110-130	1.3	.9	.2									2.4	4.6	4.0
140-160	2.0	1.6	.2	.1								4.0	5.3	4.0
(S) 170-190	1.4	1.8	.6	.4								4.3	7.2	6.5
200-220	1.8	4.1	2.8	1.0	.3							10.0	9.0	8.0
230-250	2.0	2.3	.9	.2								5.4	6.3	5.0
(W) 260-280	2.2	4.1	1.2	.2								7.6	6.8	6.0
290-310	1.1	3.4	3.4	.8								8.7	9.2	9.0
320-340	3.1	5.6	4.6	1.1								14.4	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////										11.4	////////////////////////////////		
TOTALS	25.7	34.8	21.0	6.2	.7	.2						100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	2.0	4.2	4.6	1.7	.2							12.8	9.4	10.0
020-040	1.5	3.3	3.0	.3	.1							8.3	8.3	8.0
050-070	1.5	3.3	1.8	.3	.2							7.2	8.1	8.0
(E) 080-100	1.5	2.5	1.3	.8	.1							6.1	8.5	8.0
110-130	2.2	3.0	.8	.2								6.1	6.1	6.0
140-160	1.0	1.6	.9	.2	.1							3.8	7.4	5.0
(S) 170-190	.6	1.2	1.1	.6								3.6	9.4	9.0
200-220	1.2	2.3	3.7	1.3	.2	.4						9.0	11.1	11.0
230-250	.4	2.6	1.7	1.5	.2							6.5	10.6	10.0
(W) 260-280	1.2	3.4	1.5	.4	.1							6.7	8.0	7.5
290-310	.8	3.0	4.8	2.5	.6	.2						11.9	11.9	12.0
320-340	.4	3.7	7.2	3.3	.5							15.2	11.5	11.0
VARIABLE														
CALM	////////////////////											2.8	////////	
TOTALS	14.3	34.1	32.4	13.1	2.3	.6						100.0	9.4	10.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	3.8	4.5	1.2	.1							11.0	9.4	10.0
020-040	1.1	1.8	2.6	.3								5.8	8.6	9.5
050-070	.8	1.7	1.3	.5	.4							4.7	9.6	9.0
(E) 080-100	2.8	4.2	1.1	.3		.1						8.5	6.7	5.0
110-130	1.7	6.6	1.8									10.1	7.0	7.0
140-160	1.5	2.2	.6									4.3	6.0	6.0
(S) 170-190	.1	.3	1.1	1.0	.3							2.8	13.5	13.5
200-220	.6	1.8	2.5	1.6	.3	.3						7.2	12.1	12.0
230-250	.6	1.2	2.6	.9	.3							5.6	11.1	12.0
(W) 260-280	1.6	1.9	3.4	1.0	.4	.1						8.5	10.1	10.0
290-310	1.4	4.4	5.9	4.1	1.1	.2						17.1	11.9	12.0
320-340	1.0	3.0	5.3	3.7	.8							13.7	11.7	12.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	14.6	32.9	32.7	14.6	3.7	.7						100.0	9.9	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	4.0	3.4	1.0								8.9	9.6	9.0
020-040	1.3	2.4	2.2									5.8	7.8	8.0
050-070	1.3	1.9	.6	.2	.2							4.3	7.4	6.0
(E) 080-100	2.0	2.4	1.5	.4	.1							6.5	7.4	6.0
110-130	3.0	8.0	1.5	.1								12.6	6.3	6.0
140-160	1.4	4.2	.4	.1								6.1	6.2	6.0
(S) 170-190		.6	2.0	.3								3.0	11.5	12.0
200-220	.2	1.9	4.1	.9	.3		.1					7.5	11.6	11.0
230-250	.6	2.4	1.6	.6								5.3	9.1	8.0
(W) 260-280	1.0	2.2	3.4	1.0	.1		.2					7.8	10.3	10.0
290-310	.9	4.7	7.3	2.6	.8	.2	.2					16.7	11.6	11.0
320-340	1.2	3.4	6.7	2.4	.8							14.4	11.3	11.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	13.4	38.1	34.7	9.6	2.3	.2	.5					100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	65-69			
(N) 350-010	2.7	4.7	2.3	.4								10.1	7.3	7.0
020-040	1.9	3.1	1.3	.1								6.5	6.6	6.5
050-070	.3	2.0	1.1		.2	.1						3.8	9.4	8.0
(E) 080-100	2.5	.9	.8	.2	.1							4.4	6.1	4.0
110-130	5.2	3.4	.2									8.8	4.4	4.0
140-160	5.3	5.4	.6	.1								11.4	5.0	5.0
(S) 170-190	1.8	3.1	1.5									6.5	6.8	7.0
200-220	1.6	4.3	1.9	.3								8.2	7.6	7.0
230-250	2.2	1.3	.9	.1								4.4	5.8	5.0
(W) 260-280	2.7	2.6	.9	.1	.3							6.6	6.5	5.0
290-310	1.7	4.1	3.3	.8	.2	.2						10.3	9.1	8.0
320-340	2.9	5.4	3.8	1.8	.3							14.2	8.9	8.0
VARIABLE														
CALM	////////////////////////////////////											4.9	////////////////////////////////	
TOTALS	30.8	40.3	18.6	3.9	1.1	.3						100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	4.2	1.5	.2								9.7	6.1	5.5
020-040	1.3	3.1	1.0									5.4	6.9	7.5
050-070	1.3	1.7	1.6		.1	.1	.1					4.9	8.6	8.0
(E) 080-100	1.5	1.2	.1	.1								2.9	5.4	4.0
110-130	2.7	1.7	.2									4.6	4.4	4.0
140-160	4.4	2.2	.2									6.8	4.0	3.0
(S) 170-190	5.1	4.4	1.8	.4								11.7	6.1	5.0
200-220	2.5	5.5	2.6	.4	.1							11.1	7.6	8.0
230-250	1.8	1.3	.4									3.5	5.2	4.0
(W) 260-280	1.6	2.0	.3	.6	.2							4.8	7.6	6.0
290-310	1.7	3.5	2.8	.8		.3						9.1	9.0	8.0
320-340	2.5	7.8	3.2	1.5	.1							15.2	8.3	7.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////	
TOTALS	30.2	38.6	15.7	4.0	.5	.4	.1					100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	4.0	2.8	.7	.0							10.9	7.4	7.0
020-040	1.9	2.7	2.0	.2	.0							6.9	7.4	7.0
050-070	1.1	2.2	1.3	.3	.2	.1	.1					5.2	8.8	9.0
(E) 080-100	1.9	1.7	.8	.3	.1	.0						4.8	6.9	5.0
110-130	2.2	3.3	.6	.0								6.2	5.7	6.0
140-160	2.4	2.5	.4	.1	.0							5.4	5.2	5.0
(S) 170-190	1.9	2.1	1.3	.4	.0							5.6	7.3	7.0
200-220	1.9	3.7	2.8	1.0	.2	.1	.0					9.7	9.1	8.0
230-250	1.4	2.0	1.2	.5	.1							5.2	7.8	7.0
(W) 260-280	1.8	2.6	1.5	.5	.1	.0	.0					6.6	7.8	7.0
290-310	1.4	3.8	4.5	1.7	.3	.1	.0					11.8	10.4	10.0
320-340	2.4	5.1	4.7	1.8	.3							14.4	9.3	9.0
VARIABLE														
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	23.6	35.7	23.9	7.5	1.3	.3	.1					100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	5.4	4.8	3.9	1.6	.1						15.8	7.6	7.0
020-040	2.6	7.0	6.3	.2	.1						16.3	8.3	9.0
050-070	1.4	6.1	4.9	1.9	1.4	.7	.4				16.8	11.7	10.0
(E) 080-100	1.9	2.7	1.6	1.4	.5	.1					8.2	9.6	8.0
110-130	2.1	4.6	1.1	.1							7.9	6.3	6.0
140-160	1.9	2.0	1.1	.2	.1						5.3	6.9	5.5
(S) 170-190	.3	1.2	1.3	.3	.1						3.2	10.2	10.0
200-220	.9	1.8	2.0								4.7	7.9	9.0
230-250	.4	1.3	.5		.2						2.4	8.5	8.0
(W) 260-280	.8	.7	.1								1.7	4.4	4.0
290-310	.2	1.1	1.3	.8							3.4	10.7	10.5
320-340	1.2	2.4	2.3	1.1	.4						7.4	10.3	10.0
VARIABLE													
CALM	////////////////////////////////////										7.1	////////////////////////////////	
TOTALS	19.1	35.7	26.4	7.6	2.9	.8	.4				100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 952

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	2.9	.9	.1								7.4	5.6	5.0
020-040	2.0	2.0	1.3									5.3	6.5	6.5
050-070	1.7	2.4	1.1	.1								5.3	6.6	6.0
(E) 080-100	1.3	2.7	.6	.3								4.9	6.6	6.0
110-130	2.7	3.0	.4									6.1	5.1	5.0
140-160	2.3	2.0	.2									4.6	4.8	4.0
(S) 170-190	5.1	3.9	.6	.1	.2							9.9	5.3	4.0
200-220	5.6	3.3	2.2	.2		.3						11.7	6.3	5.0
230-250	3.9	2.6	.1	.3								6.9	4.9	4.0
(W) 260-280	2.7	4.4	1.6	.3	.1							9.1	6.7	6.0
290-310	2.4	4.2	2.4	.1	.1	.1						9.4	7.4	6.0
320-340	3.0	3.3	2.7	.3								9.3	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											10.0	////////////////////////////////	
TOTALS	36.3	36.7	14.1	1.8	.4	.4						100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	1.7	1.3	.1								7.1	5.6	4.0
020-040	2.6	2.8	.8	.2								6.3	6.1	6.0
050-070	1.9	2.6	1.7	.2								6.3	6.9	7.0
(E) 080-100	2.2	2.2	.8	.7								5.9	6.8	6.0
110-130	2.0	1.4	.1									3.6	4.1	4.0
140-160	2.4	1.2	.3									4.0	5.1	4.0
(S) 170-190	3.7	2.6		.1	.2							6.6	5.2	4.0
200-220	4.0	4.0	2.7	.2								10.9	6.5	6.0
230-250	5.0	2.2	.7									7.9	4.4	4.0
(W) 260-280	3.1	4.6	1.2	.2								9.1	6.2	6.0
290-310	3.3	4.0	1.4		.2	.1						9.1	6.8	6.0
320-340	3.8	4.4	2.0	.2	.1							10.6	6.5	6.0
VARIABLE														
CALM	////////////////////											12.7	////////	
TOTALS	38.0	33.7	13.0	1.9	.5	.1						100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	3.0	1.8	.3								8.0	7.1	6.0
020-040	1.6	3.1	1.4	.1								6.2	6.8	7.0
050-070	2.2	3.4	1.4	.6								7.7	7.3	7.0
(E) 080-100	2.4	3.0	1.0	.4								6.9	6.9	6.0
110-130	2.7	1.6	.2									4.4	4.4	4.0
140-160	1.9	1.2	.2									3.3	4.6	4.0
(S) 170-190	2.0	2.2	.7	.1	.1							5.1	6.3	5.5
200-220	2.8	3.1	2.7	.8	.2							9.6	8.0	7.0
230-250	3.9	4.0	.7	.1								8.7	5.4	5.0
(W) 260-280	2.2	4.8	1.7	.2								8.9	6.9	6.5
290-310	2.2	5.0	3.7	.1	.3							11.3	8.2	8.0
320-340	3.8	4.0	3.0	.7								11.4	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											8.4	////////	
TOTALS	30.6	38.4	18.5	3.4	.6							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	4.1	2.9	.6								9.3	8.3	8.0
020-040	1.6	2.1	.8	.4								4.9	7.3	6.5
050-070	1.2	3.1	1.6	.7	.1							6.7	8.4	7.0
(E) 080-100	1.8	4.3	2.2	.4	.1							8.9	7.6	7.0
110-130	2.8	4.1	1.2									8.1	6.1	6.0
140-160	1.9	3.1	.4									5.4	5.8	6.0
(S) 170-190	.9	1.7	.4	.2								3.2	6.8	6.0
200-220	1.2	2.7	2.3	1.9	.3							8.4	10.6	10.0
230-250	1.9	2.0	1.9	.4	.2							6.4	8.1	8.0
(W) 260-280	.8	4.4	3.7	1.1								10.0	9.2	9.0
290-310	1.2	3.6	7.2	2.1	.7							14.8	10.9	11.0
320-340	1.7	4.2	4.9	1.8								12.6	9.4	10.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////	
TOTALS	18.8	39.4	29.5	9.6	1.4							100.0	8.5	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	2.9	2.0	.1								5.6	8.4	8.0
020-040	.8	1.9	.7	.1								3.4	7.3	8.0
050-070	1.4	2.4	1.8	.6								6.2	8.0	7.0
(E) 080-100	1.8	3.9	1.3	.7								7.7	7.6	7.0
110-130	2.0	9.2	2.7	.1								14.0	7.2	7.0
140-160	1.9	3.9	1.1	.3								7.2	7.0	7.0
(S) 170-190	.1	.4	.8	.2	.2							1.8	11.9	12.0
200-220	.3	1.2	3.3	2.0	1.1							8.0	13.0	13.0
230-250	.6	1.7	3.4	.2	.4	.1						6.5	10.7	10.0
(W) 260-280	1.1	3.9	5.0	.9	.1							11.0	9.6	10.0
290-310	.6	4.7	8.0	3.3	.4	.3						17.4	11.5	11.0
320-340	.6	3.9	4.6	1.8								10.8	10.2	10.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	11.8	40.0	34.7	10.3	2.2	.4						100.0	9.4	9.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.8	1.3	.3								4.8	8.7	8.0
020-040	.3	1.4	.2	.1								2.1	7.5	8.0
050-070	.7	1.3	1.3	.4								3.8	8.7	8.5
(E) 080-100	1.4	3.6	2.0	.3	.2							7.6	8.0	8.0
110-130	4.2	10.1	2.6	.3								17.2	6.7	6.0
140-160	1.0	4.3	1.9	.1								7.3	7.4	7.0
(S) 170-190	.2	.7	.9	.7	.2							2.7	11.3	10.5
200-220	.4	1.8	4.2	2.6	.3							9.3	12.3	12.0
230-250	.8	2.8	1.7	.3	.2							5.8	9.5	9.0
(W) 260-280	.4	3.6	4.1	.7	.1							8.9	9.9	10.0
290-310	.8	6.3	7.1	2.2	.6	.1						17.1	10.6	10.0
320-340	1.4	3.3	5.2	2.0	.1							12.1	10.1	10.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	11.9	42.0	32.5	10.0	1.7	.1						100.0	9.1	9.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	2.1	.9									4.9	6.1	6.0
020-040	.8	.6	.7	.1								2.1	7.9	9.0
050-070	1.0	1.6	.7									3.2	6.6	6.0
(E) 080-100	2.2	3.7	1.8	.2	.1							8.0	7.2	6.5
110-130	5.4	4.4	1.2									11.1	5.4	5.0
140-160	7.4	5.8	.3									13.6	4.8	4.0
(S) 170-190	3.3	3.8	1.2	.2								8.6	5.7	5.0
200-220	1.3	4.4	2.0	.8								8.6	8.2	8.0
230-250	2.9	2.4	.3									5.7	5.0	4.0
(W) 260-280	2.0	3.6	1.4									7.0	6.9	6.0
290-310	1.9	4.0	3.2	.9	.1							10.1	8.7	8.0
320-340	3.1	5.3	2.9	1.0	.4							12.8	8.0	7.0
VARIABLE														
CALM	////////////////////////////////////											4.4	////////	
TOTALS	33.2	41.7	16.6	3.2	.6							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.6	1.6	.1	.1							6.1	7.1	6.0
020-040	.4	1.0	1.0									2.4	8.1	8.0
050-070	1.4	2.3	.8									4.6	6.3	7.0
(E) 080-100	2.8	3.6	1.6	.2	.1							8.2	6.3	5.0
110-130	3.4	2.4	.8	.1								6.8	5.0	4.0
140-160	4.4	3.1	2									7.8	4.6	4.0
(S) 170-190	7.6	7.1	1.0	.3								16.0	5.2	5.0
200-220	3.9	3.9	1.6	.2	.1	.1						9.8	6.6	6.0
230-250	3.7	3.3	.4	.1								7.6	4.8	5.0
(W) 260-280	2.6	3.9	.9	.1	.1							7.6	6.2	5.0
290-310	1.6	3.6	2.3	.4	.1							8.0	8.1	7.0
320-340	3.0	3.9	1.6	.7	.1							9.2	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											6.0	////////	
TOTALS	36.6	40.7	13.8	2.2	.6	.1						100.0	5.8	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.1	2.8	1.6	.2	.0							6.7	7.1	7.0
020-040	1.3	1.9	.9	.1								4.1	6.9	7.0
050-070	1.4	2.4	1.3	.3	.0							5.5	7.4	7.0
(E) 080-100	2.0	3.4	1.4	.4	.1							7.3	7.2	6.0
110-130	3.2	4.5	1.2	.1								8.9	5.9	6.0
140-160	2.9	3.1	.6	.1								6.7	5.5	5.0
(S) 170-190	2.9	2.8	.7	.3	.1							6.7	6.0	5.0
200-220	2.4	3.1	2.6	1.1	.3	.1						9.5	8.7	8.0
230-250	2.8	2.6	1.2	.2	.1	.0						6.9	6.4	5.0
(W) 260-280	1.9	4.1	2.4	.4	.1							8.9	7.8	7.0
290-310	1.8	4.4	4.4	1.2	.3	.1						12.2	9.4	9.0
320-340	2.5	4.1	3.3	1.1	.1							11.1	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											5.6	////////////////////////////////	
TOTALS	27.2	39.2	21.6	5.5	1.1	.2						100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	3.7	2.6	.5								9.1	7.7	7.0
020-040	2.4	6.1	3.0	.3								11.8	7.7	8.0
050-070	3.0	8.2	4.8	1.3								17.3	8.1	8.0
(E) 080-100	3.7	6.5	3.1	2.3	.5							16.1	8.6	7.0
110-130	4.0	7.1	.9									12.0	5.7	6.0
140-160	2.1	1.9	1.0									5.0	6.0	5.5
(S) 170-190	.6	.8	.3									1.7	6.2	6.0
200-220	1.1	.7	.5	.1								2.4	5.9	5.0
230-250	1.1	1.1		.1								2.3	5.2	5.0
(W) 260-280	1.1	1.9	1.3	.4								4.7	8.3	8.0
290-310	.8	1.7	1.5	.8	.1	.1						5.0	9.8	9.5
320-340	1.6	2.9	2.8	.9	.1							8.3	8.9	9.0
VARIABLE														
CALM	////////////////////											4.5	////////////////	
TOTALS	23.8	42.6	21.8	6.7	.7	.1						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 1002

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	1.5	.5									5.8	4.6	4.0
020-040	1.9	1.9	.2	.1								4.2	5.3	5.0
050-070	.6	1.8	1.1									3.5	7.5	8.0
(E) 080-100	1.2	.5	.5	.2								2.5	6.5	5.0
110-130	3.3	.8	.1									4.2	3.4	3.0
140-160	4.0	.8	.1									4.8	3.4	3.0
(S) 170-190	7.6	3.5	1.6		.1							12.9	4.5	4.0
200-220	6.0	8.0	2.9	.2								17.1	6.3	6.0
230-250	6.6	3.7	.1									10.3	4.2	4.0
(W) 260-280	3.1	3.0	.3									6.5	5.1	5.0
290-310	1.5	1.4	.4									3.3	5.4	5.0
320-340	2.7	3.5	1.1	.2								7.5	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											17.3	////////	
TOTALS	42.3	30.4	8.9	.7	.1							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724068

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	1.6	.4									5.9	4.2	3.0
020-040	1.2	1.8	.5									3.5	5.9	5.0
050-070	2.2	2.2	1.2									5.5	6.3	6.0
(E) 080-100	1.3	1.2	.6									3.1	5.3	5.0
110-130	2.2	.6										2.8	3.4	3.0
140-160	2.2	.5										2.7	3.4	3.0
(S) 170-190	5.8	2.2	1.2									9.1	4.7	4.0
200-220	5.8	6.1	2.7	.1								14.7	6.0	6.0
230-250	5.5	2.7	.2									8.4	4.2	4.0
(W) 260-280	5.5	2.2	.2									7.8	4.1	3.0
290-310	2.7	1.2	1.0									4.8	5.1	4.0
320-340	4.2	4.2	1.1	.1								9.6	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											21.9	////////	
TOTALS	42.5	26.5	9.1	.2								100.0	3.9	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.3	1.2	.1								6.2	6.0	5.0
020-040	2.8	2.8	.5	.2								6.3	6.0	5.0
050-070	1.9	2.0	1.2									5.2	6.3	5.0
(E) 080-100	1.2	1.9	1.7									4.8	7.4	8.0
110-130	3.0	1.6										4.6	4.1	4.0
140-160	3.2	.6										3.9	3.3	3.0
(S) 170-190	2.9	2.9	1.0									6.8	5.7	5.0
200-220	3.1	5.7	4.4	.3								13.5	7.6	7.0
230-250	3.3	4.1	1.1									8.5	5.6	5.0
(W) 260-280	4.3	3.8	.6									8.7	5.0	5.0
290-310	2.6	3.2	1.0	.1								6.9	6.2	6.0
320-340	4.5	4.7	1.7	.8								11.7	6.6	5.0
VARIABLE														
CALM	////////////////////////////////////											12.8	////////	
TOTALS	35.5	35.6	14.4	1.5								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	4.4	2.4	.4	.1							9.2	7.6	7.0
020-040	1.0	1.8	.4									3.2	6.3	6.0
050-070	2.2	2.4	2.2	.1								6.8	7.0	7.0
(E) 080-100	5.1	4.1	1.1	.2								10.4	5.3	5.0
110-130	3.7	4.6	.8									9.0	5.3	5.0
140-160	2.6	1.8	.3									4.7	4.5	4.0
(S) 170-190	1.2	1.2	1.4	.2								4.0	8.4	7.0
200-220	1.2	3.8	4.5	1.1	.1							10.6	9.5	10.0
230-250	2.4	4.9	2.0	.2								9.6	7.4	8.0
(W) 260-280	2.6	4.2	2.4	.4								9.6	7.4	7.0
290-310	1.5	4.3	3.0	.3	.2							9.4	8.3	8.0
320-340	2.3	4.8	2.8	1.1	.1							11.1	8.3	7.0
VARIABLE														
CALM	////////////////////////////////////											2.4	////////////////////////////////	
TOTALS	27.7	42.3	23.3	4.0	.5							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.0	1.7	.4								6.3	7.9	8.0
020-040	.8	2.0	.8									3.5	7.1	7.0
050-070	1.7	1.7	.9									4.3	5.9	5.0
(E) 080-100	3.3	5.3	1.0									9.6	5.7	5.0
110-130	4.1	9.7	1.8	.2								15.8	6.4	6.0
140-160	.9	4.2	.9									5.9	6.8	7.0
(S) 170-190	.2	1.1	1.1	.2	.1							2.7	10.2	11.0
200-220	.9	2.6	5.1	1.1	.3							9.9	10.7	11.0
230-250	1.4	4.3	3.4	.4								9.6	8.6	8.0
(W) 260-280	1.2	6.3	3.3	1.2	.1							12.2	8.7	8.0
290-310	1.5	4.5	3.9	1.0								10.9	8.9	8.0
320-340	1.2	3.4	2.6	.4	.1							7.7	8.5	8.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	18.4	48.1	26.5	4.9	.6							100.0	7.8	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.2	1.2	.4								4.7	7.9	8.0
020-040	1.0	1.7	.9	.3								3.9	7.7	7.0
050-070	.8	.8	.8									2.3	6.9	7.0
(E) 080-100	3.0	1.6	.6									5.3	4.7	4.0
110-130	7.1	9.7	2.7	.3								19.8	6.1	6.0
140-160	4.1	7.1	.5									11.7	5.5	6.0
(S) 170-190	.2	.5	1.1	.3								2.2	10.9	12.0
200-220	.4	2.5	5.6	1.5								10.0	11.0	11.0
230-250	1.2	5.2	3.7	.2								10.2	8.5	8.0
(W) 260-280	1.6	6.6	2.8	.2								11.2	7.5	7.0
290-310	1.3	4.8	3.1	.9								10.1	8.5	8.0
320-340	.6	4.2	2.3	.6								7.7	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											1.0	////////	
TOTALS	22.3	46.9	25.3	4.7								100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.7	1.0									4.7	6.2	5.5
020-040	.8	1.2	.2	.2								2.4	6.9	6.5
050-070	.5	1.7	.4	.1								2.8	6.8	6.5
(E) 080-100	1.9	2.0	1.0	.1								5.1	6.3	6.0
110-130	7.6	4.5	1.2									13.3	4.7	4.0
140-160	8.0	6.4	.2									14.5	4.4	4.0
(S) 170-190	4.5	2.9	1.9	.2								9.6	6.0	5.0
200-220	3.7	5.9	2.9	.3								12.8	6.9	6.0
230-250	4.5	3.8	.5									8.8	5.0	4.0
(W) 260-280	3.6	2.5	.1	.1								6.2	4.7	4.0
290-310	1.9	4.0	1.3			.1						7.3	7.0	6.0
320-340	2.0	2.6	.6	.4								5.7	6.5	5.0
VARIABLE														
CALM	////////////////////											6.7	////////	
TOTALS	41.0	39.2	11.3	1.4		.1						100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.5	.3	.1								2.8	6.3	5.5
020-040	.8	1.6	.3									2.7	6.1	6.0
050-070	1.0	1.6	.9	.1								3.5	7.0	6.0
(E) 080-100	1.7	.9	.6	.1								3.3	6.4	4.0
110-130	5.4	1.8	.2									7.4	3.7	3.0
140-160	7.8	2.7	.3									10.9	3.9	4.0
(S) 170-190	8.6	6.2	1.3	.1	.1							16.3	4.9	4.0
200-220	6.6	8.3	1.7		.1							16.7	5.8	6.0
230-250	4.6	2.6	.1									7.3	4.2	4.0
(W) 260-280	3.2	1.9	.5									5.7	4.7	4.0
290-310	2.8	1.8	.3	.1								5.1	5.0	4.0
320-340	2.4	2.0	.8	.2								5.4	5.8	5.0
VARIABLE														
CALM	////////////////////											12.9	////////	
TOTALS	45.8	32.9	7.3	.7	.2							100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(W) 350-010	2.2	2.3	1.1	.2	.0						5.7	6.4	6.0
020-040	1.3	1.9	.5	.1							3.7	6.4	6.0
050-070	1.4	1.8	1.1	.0							4.2	6.7	6.0
(E) 080-100	2.3	2.2	.9	.1							5.5	5.8	5.0
110-130	4.5	4.2	.8	.1							9.6	5.2	5.0
140-160	4.1	3.0	.3								7.4	4.6	4.0
(S) 170-190	3.9	2.6	1.3	.1	.0						7.9	5.7	5.0
200-220	3.5	5.4	3.7	.6	.1						13.2	7.6	7.0
230-250	3.7	3.9	1.4	.1							9.1	6.1	5.0
(W) 260-280	3.1	3.8	1.3	.2	.0						8.5	6.2	6.0
290-310	2.0	3.2	1.7	.3	.0	.0					7.2	7.3	7.0
320-340	2.5	3.7	1.6	.5	.0						8.3	7.1	6.0
VARIABLE													
CALM	////////////////////										9.6	////////	
TOTALS	34.5	38.0	15.7	2.3	.1						100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	1.9	1.2	.4								7.3	6.0	4.0
020-040	3.2	7.4	2.3	.6								13.5	7.1	7.0
050-070	3.2	7.5	5.5	.1								16.4	7.7	8.0
(E) 080-100	6.2	5.6	3.0	.4								15.2	6.0	5.0
110-130	8.5	2.9	.8									12.2	4.1	3.0
140-160	3.5	1.9	.1									5.5	4.2	4.0
(S) 170-190	1.6	2.4	.4									4.3	6.0	6.0
200-220	1.6	1.9	.7									4.2	5.8	6.0
230-250	1.0	1.3	.2									2.5	5.8	6.0
(W) 260-280	1.3	.6	.2									2.2	5.1	4.0
290-310	1.0	.8	.4			.1						2.3	6.9	5.0
320-340	1.9	1.8	1.3	.5								5.5	7.5	6.5
VARIABLE														
CALM	////////////////////											9.0	////////	
TOTALS	36.8	36.0	16.1	2.0		.1						100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 836

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	1.7	.4	.1	.2							6.2	5.5	4.0
020-040	2.8	1.9	.2									4.9	4.7	4.0
050-070	.2	1.4	.4									2.1	6.9	6.0
(E) 080-100	.7	.2	.2									1.1	5.0	3.5
110-130	1.1	.4	.2									1.8	4.9	4.0
140-160	4.2	.6	.1									4.9	2.9	2.0
(S) 170-190	8.6	3.2	.9	.2								12.9	4.4	3.0
200-220	9.7	8.2	1.9	.4								20.2	5.4	5.0
230-250	8.6	4.9	.4									13.9	4.3	4.0
(W) 260-280	3.4	1.8	.4									5.7	4.7	4.0
290-310	2.0	1.6	.4									4.0	5.1	4.5
320-340	3.8	2.6	.1									6.4	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											15.9	////////////////////////////////	
TOTALS	48.9	28.5	5.6	.7	.2							100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	2.1	.3									7.2	4.4	4.0
020-040	2.9	2.4	.2									5.6	5.0	4.0
050-070	.9	1.2	.3									2.4	6.3	6.0
(E) 080-100	.4	.9	.2									1.6	6.1	6.0
110-130	1.6	.8										2.3	4.0	4.0
140-160	2.7	.3										3.0	2.6	2.0
(S) 170-190	5.7	1.8	.1									7.6	3.6	3.0
200-220	8.2	8.0	2.0	.1								18.3	5.6	5.0
230-250	7.6	5.0	.1									12.7	4.0	4.0
(W) 260-280	4.4	2.3	.1									6.9	4.0	4.0
290-310	2.3	1.3	.7									4.3	5.0	4.0
320-340	4.1	2.6	.4									7.1	4.4	4.0
VARIABLE														
CALM	////////////////////											21.0	////////	
TOTALS	45.6	28.7	4.4	.1								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	3.9	1.3		.1							8.1	6.4	6.0
020-040	2.2	2.1	1.0									5.3	6.1	5.5
050-070	1.2	2.9	.9	.1								5.1	6.7	7.0
(E) 080-100	1.0	1.8	.3									3.1	5.9	6.0
110-130	1.8	.8	.1									2.7	4.5	4.0
140-160	2.4	1.0										3.4	3.5	3.0
(S) 170-190	3.6	1.3	.2									5.1	3.9	3.0
200-220	5.0	6.3	3.2	.4								15.0	6.9	7.0
230-250	5.5	5.9	1.6	.2								13.1	5.7	6.0
(W) 260-280	4.2	5.0	.8									10.0	5.3	5.5
290-310	2.8	3.3	1.2									7.3	6.2	5.0
320-340	4.2	5.8	1.6									11.6	5.7	5.0
VARIABLE														
CALM	////////////////////											10.0	////////	
TOTALS	36.7	40.1	12.2	.7	.1							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	5.9	1.4	.4	.1							11.1	7.0	6.5
020-040	2.2	1.6	.4									4.2	5.3	4.0
050-070	1.8	3.3	.7	.1								5.9	6.0	5.0
(E) 080-100	2.8	4.2	.4									7.4	5.4	5.0
110-130	3.0	3.6	.4									7.0	5.1	5.0
140-160	2.2	1.2	.1									3.6	4.4	4.0
(S) 170-190	1.7	1.9	.3									3.9	5.1	5.0
200-220	2.0	3.6	2.0	.4								8.0	7.7	8.0
230-250	4.2	5.0	3.3	.6								13.1	7.1	7.0
(W) 260-280	3.9	6.3	1.9	.1								12.2	6.2	6.0
290-310	1.6	5.7	3.0	.8	.1							11.1	8.3	8.0
320-340	1.9	4.3	3.4	.1								9.8	7.9	8.0
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	30.5	46.6	17.3	2.5	.2							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.3	2.0	.4								6.4	7.8	7.5
020-040	.7	1.4	.3									2.4	6.1	6.0
050-070	2.2	1.8	.7									4.7	5.4	5.0
(E) 080-100	2.8	4.9	.3									8.0	5.3	5.0
110-130	5.9	10.4	1.3									17.7	5.7	6.0
140-160	2.6	2.8	1.2									6.6	6.0	5.0
(S) 170-190	.6	1.2	.6									2.3	6.7	7.0
200-220	1.1	2.8	3.1	.3								7.3	8.9	9.0
230-250	1.1	4.9	2.8	.2								9.0	8.0	8.0
(W) 260-280	2.6	6.1	4.1	.4	.1							13.3	8.0	8.0
290-310	1.8	7.0	3.3	.3								12.4	7.8	8.0
320-340	1.4	4.0	2.8	.9								9.1	8.9	8.5
VARIABLE														
CALM	////////////////////											.7	////////////////	
TOTALS	24.5	49.6	22.5	2.5	.1							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.7	1.4	.3				.1				5.7	8.6	8.0
020-040	.3	.8	.4									1.6	7.2	6.5
050-070	.4	1.3	.3	.1								2.2	6.7	6.5
(E) 080-100	.9	1.7	.3									2.9	6.1	6.0
110-130	6.1	11.4	1.4									19.0	5.9	6.0
140-160	4.9	8.3	.8									14.0	5.6	6.0
(S) 170-190	.6	.9	1.2									2.7	7.9	9.0
200-220	.8	3.5	3.6	.2								8.1	8.8	9.0
230-250	1.6	5.6	3.6	.3								11.0	8.1	8.0
(W) 260-280	2.0	6.7	3.0	.6	.1							12.3	8.1	8.0
290-310	2.0	5.2	3.1	.3								10.7	7.8	8.0
320-340	2.0	4.1	2.2	.2								8.6	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	22.7	52.3	21.3	2.0	.1			.1				100.0	7.1	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(N) 350-010	2.1	1.1	.9	.3								4.4	6.5	5.5	
020-040	1.3	.7	.3									2.3	4.9	3.0	
050-070	.8	1.7	.6									3.0	6.3	6.0	
(E) 080-100	1.3	.7	.2									2.2	4.8	4.0	
110-130	5.0	3.0	.1									8.1	4.1	4.0	
140-160	9.3	5.9	.3									15.6	4.2	4.0	
(S) 170-190	3.9	4.2	1.0									9.1	5.6	5.0	
200-220	2.8	7.0	3.1									12.9	7.1	7.0	
230-250	6.7	5.2	.6									12.4	4.6	4.0	
(W) 260-280	4.0	3.3	.6	.2								8.1	5.0	5.0	
290-310	2.3	2.4	.6	.1	.1							5.6	6.0	5.0	
320-340	3.9	3.4	.2		.1							7.7	5.3	4.0	
VARIABLE															
CALM	////////////////////////////////////											8.6	////////////////////////////////		
TOTALS	43.4	38.6	8.5	.6	.2							100.0	4.8	5.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.9	.4	.2								4.3	6.2	6.0
020-040	1.6	1.4	.1									3.1	4.8	4.5
050-070	.8	1.7	.8									3.2	6.6	6.0
(E) 080-100	.8	1.2	.3									2.3	6.0	5.0
110-130	2.5	.3	.1									2.9	2.8	2.0
140-160	6.9	2.2										9.1	3.2	3.0
(S) 170-190	11.1	4.9	1.3									17.4	4.4	4.0
200-220	7.0	10.5	1.4									19.0	5.7	6.0
230-250	7.0	3.2	.2									10.5	4.1	3.5
(W) 260-280	4.3	1.1	.4									5.9	3.7	3.0
290-310	2.6	.3	.7									3.6	4.7	3.5
320-340	1.7	2.2	.4	.1								4.5	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											14.2	////////////////////////////////	
TOTALS	48.1	30.9	6.1	.3								100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.7	1.0	.2	.1			.0				6.7	6.5	6.0
020-040	1.8	1.5	.4									3.7	5.4	5.0
050-070	1.0	1.9	.6	.0								3.6	6.3	6.0
(E) 080-100	1.3	1.9	.3									3.6	5.5	5.0
110-130	3.4	3.8	.5									7.7	5.2	5.0
140-160	4.4	2.8	.3									7.5	4.4	4.0
(S) 170-190	4.4	2.4	.7	.0								7.6	4.7	4.0
200-220	4.6	6.2	2.5	.3								13.6	6.5	6.0
230-250	5.3	5.0	1.6	.2								12.0	5.6	5.0
(W) 260-280	3.6	4.1	1.4	.2	.0							9.3	6.1	6.0
290-310	2.2	3.4	1.6	.2	.0							7.4	6.9	7.0
320-340	2.9	3.6	1.4	.2	.0							8.1	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											9.3	////////	
TOTALS	37.6	39.3	12.3	1.3	.1							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 7196

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	3.5	.4									7.3	5.4	5.0
020-040	3.5	3.5	.9									7.8	5.6	5.0
050-070	2.4	7.1	3.8									13.3	7.5	8.0
(E) 080-100	2.0	4.4	1.5									7.8	6.8	7.0
110-130	5.5	4.2	.2									9.9	4.4	4.0
140-160	9.1	3.1	.4									12.6	3.7	3.0
(S) 170-190	4.0	1.3	.7									6.0	4.5	3.0
200-220	3.1	2.9	.4									6.4	4.9	5.0
230-250	1.8	.9	.4									3.1	4.6	3.0
(W) 260-280	1.5	1.6		.2								3.3	5.2	5.0
290-310	.9	.5	.9									2.4	6.2	5.0
320-340	1.8	1.6	1.3	.2	.2							5.1	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											15.0	////////////////////////////////	
TOTALS	39.1	34.6	10.9	.4	.2							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 548

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	2.8	1.5	.4									4.7	4.5	4.0
020-040	1.1	1.1	.1									2.3	4.9	5.0
050-070	.4	1.2	.4									2.0	6.7	7.0
(E) 080-100	.8		.2									1.0	4.2	3.0
110-130	1.6	.4										2.0	3.2	3.0
140-160	4.4	.9										5.3	2.9	2.0
(S) 170-190	5.7	2.2	.2	.5								8.6	4.7	4.0
200-220	8.8	9.7	1.2	.1								19.8	5.2	5.0
230-250	8.0	4.5										12.5	3.9	4.0
(W) 260-280	4.0	1.4										5.4	3.5	3.0
290-310	2.6	1.3	.2									4.1	4.2	4.0
320-340	2.7	2.7	.1									5.5	5.0	5.0
VARIABLE														
CALM	////////////////////											26.9	////////	
TOTALS	42.9	26.9	2.8	.6								100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	1.4	.4									6.7	4.1	3.0
020-040	2.3	.9	.4									3.5	4.7	4.0
050-070	1.2	1.1										2.3	4.8	4.0
(E) 080-100	1.2	.2	.1									1.5	3.8	3.5
110-130	1.7	.4	.1									2.3	3.5	3.0
140-160	2.9	1.0	.1									4.0	3.6	3.0
(S) 170-190	5.6	1.1	.2									6.9	3.5	3.0
200-220	5.6	6.8	1.1	.4								13.9	5.7	5.0
230-250	7.2	4.9	.2									12.4	4.2	4.0
(W) 260-280	4.5	1.7										6.2	3.5	3.0
290-310	2.7	1.6										4.3	3.8	3.5
320-340	4.7	2.9	.1									7.7	4.3	4.0
VARIABLE														
CALM	////////////////////											28.4	////////	
TOTALS	44.4	24.0	2.7	.4								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	3.3	.5									8.0	4.9	4.0
020-040	2.9	2.0	.9									5.8	5.4	4.5
050-070	2.2	2.5	.4									5.1	5.4	5.0
(E) 080-100	1.5	1.1	.1									2.7	4.8	3.0
110-130	1.3	1.2	.2									2.7	4.7	5.0
140-160	3.1	.8										3.9	3.1	3.0
(S) 170-190	3.9	2.9	.1									6.9	4.2	4.0
200-220	4.1	6.8	2.4	.2								13.4	6.4	6.0
230-250	4.0	6.7	.9									11.5	5.6	6.0
(W) 260-280	4.9	4.0	.2									9.1	4.4	4.0
290-310	2.8	3.3	.2									6.3	5.0	5.0
320-340	5.4	4.0	.5									9.9	4.7	4.0
VARIABLE														
CALM	////////////////////											14.7	////////	
TOTALS	40.2	38.6	6.4	.2								100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	4.7	.6									9.5	5.5	6.0
020-040	3.8	3.8	.5									8.1	5.2	5.0
050-070	3.0	3.3	.8									7.1	5.5	5.0
(E) 080-100	3.1	3.5	.2									6.9	5.1	5.0
110-130	3.9	2.6	.4									6.9	4.6	4.0
140-160	1.8	1.3	.1									3.2	4.7	4.0
(S) 170-190	1.7	1.6	.3									3.7	5.1	5.0
200-220	3.2	3.8	2.8	.4								10.2	7.1	6.0
230-250	3.5	5.8	2.3	.2								11.8	6.5	6.5
(W) 260-280	3.7	6.3	1.5									11.5	6.1	6.0
290-310	2.5	3.3	1.4	.1								7.3	6.3	6.0
320-340	3.8	5.1	1.5	.2								10.5	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////	
TOTALS	38.1	45.1	12.4	.9								100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	3.3	.5									6.3	5.7	6.0
020-040	1.9	1.9	.3									4.2	5.1	5.0
050-070	3.0	2.7	.3									6.0	4.8	4.5
(E) 080-100	3.4	4.2	.5	.1								8.3	5.2	5.0
110-130	6.2	9.1	1.5									16.9	5.7	6.0
140-160	2.3	4.2	.1									6.6	5.3	5.0
(S) 170-190	1.1	1.3	.6	.3								3.3	7.2	6.0
200-220	1.0	2.5	2.6	.8								6.8	9.4	9.0
230-250	1.6	5.5	3.0	.1	.1							10.3	7.7	8.0
(W) 260-280	3.5	6.8	1.5	.4								12.3	6.6	6.0
290-310	1.7	5.1	1.9	.1								8.8	7.2	7.0
320-340	1.8	4.8	1.6	.1								8.4	6.8	6.5
VARIABLE														
CALM	////////////////////											1.8	////////	
TOTALS	30.0	51.4	14.4	1.9	.1							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	3.4	.4	.1								6.1	5.9	6.0
020-040	1.4	2.2	.1									3.7	5.1	5.0
050-070	1.4	1.5	.4									3.3	5.8	5.0
(E) 080-100	2.5	2.5	.3									5.3	4.9	5.0
110-130	7.5	10.6	.8									18.9	5.3	5.0
140-160	4.1	7.7	1.2									13.0	5.7	6.0
(S) 170-190	1.3	2.0	1.0	.1								4.4	6.8	6.0
200-220	1.3	3.3	2.4	1.9								8.9	9.8	9.0
230-250	1.4	5.3	3.2	.8								10.6	8.5	8.0
(W) 260-280	1.6	6.3	2.0									10.0	6.9	7.0
290-310	1.7	3.2	1.9	.2								7.1	7.4	7.0
320-340	1.7	3.9	1.2	.1		.1						7.0	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////	
TOTALS	28.1	51.9	14.9	3.2		.1						100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.8		.1		.1						4.6	4.6	3.0
020-040	1.5	.4	.4									2.4	4.4	3.0
050-070	1.2	1.0	.5	.1								2.8	5.7	5.0
(E) 080-100	1.7	1.1	.2									3.0	4.8	4.0
110-130	5.6	3.4	.2									9.2	4.2	4.0
140-160	10.3	4.7	.1									15.2	3.9	4.0
(S) 170-190	4.7	4.0	.8									9.5	4.9	4.5
200-220	4.6	8.1	2.8	.6								16.1	6.9	7.0
230-250	4.5	6.1	1.1	.1								11.8	5.8	5.0
(W) 260-280	3.5	2.2	.2	.1								6.0	4.5	4.0
290-310	1.6	1.7	.5	.1	.1							4.1	6.4	6.0
320-340	3.2	2.9	.6									6.8	5.0	5.0
VARIABLE														
CALM	////////////////////											8.5	////////	
TOTALS	45.0	37.4	7.4	1.1	.1	.1						100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.1	.1									3.7	3.9	4.0
020-040	.9	.2	.3		.1							1.5	5.9	4.0
050-070	1.1	1.0	.1									2.2	5.0	4.5
(E) 080-100	1.6	.4	.3									2.4	4.2	3.5
110-130	2.9	.6										3.5	3.1	2.0
140-160	9.2	2.0										11.3	3.0	2.0
(S) 170-190	10.4	4.1	.9	.1								15.5	4.1	3.0
200-220	8.1	11.0	2.0									21.1	5.5	5.0
230-250	6.6	3.5	1.0									11.1	4.6	4.0
(W) 260-280	2.4	1.7	.1	.1								4.3	4.4	4.0
290-310	1.4	.4	.2									2.0	4.3	3.0
320-340	2.2	1.9	.2									4.3	5.2	4.5
VARIABLE														
CALM	////////////////////											17.2	////////	
TOTALS	49.3	27.9	5.2	.2	.1							100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	2.6	.4	.0		.0						6.2	5.0	4.0
020-040	2.0	1.6	.4		.0							3.9	5.1	4.5
050-070	1.7	1.8	.4	.0								3.8	5.4	5.0
(E) 080-100	2.0	1.6	.3	.0								3.9	4.9	4.0
110-130	3.8	3.6	.4									7.8	4.9	5.0
140-160	4.8	2.8	.2									7.8	4.1	4.0
(S) 170-190	4.3	2.4	.5	.1								7.3	4.7	4.0
200-220	4.6	6.5	2.2	.6								13.8	6.5	6.0
230-250	4.6	5.3	1.5	.1	.0							11.5	5.8	5.0
(W) 260-280	3.5	3.8	.7	.1								8.1	5.4	5.0
290-310	2.1	2.5	.8	.1	.0							5.5	6.0	6.0
320-340	3.2	3.5	.7	.1		.0						7.5	5.5	5.0
VARIABLE														
CALM	////////////////////											12.8	////////	
TOTALS	39.8	38.0	8.5	1.1								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	3.4	.3	.2								6.9	5.1	5.0
020-040	2.5	2.9	1.4		.2							6.9	6.3	6.0
050-070	3.2	5.4	1.8									10.4	6.3	6.5
(E) 080-100	2.6	3.5	1.4									7.5	6.1	6.0
110-130	6.4	3.4	.6									10.4	4.3	4.0
140-160	6.0	2.6										8.6	3.6	3.5
(S) 170-190	5.1	1.7										6.7	3.4	3.0
200-220	3.2	2.9	.6	.2								6.9	5.4	5.0
230-250	2.0	2.8	.6									5.4	5.5	6.0
(W) 260-280	1.5	1.1	.5	.2								3.2	5.7	5.0
290-310	1.4	.8	.3		.2							2.6	5.7	4.0
320-340	4.0	2.0	.3									6.3	4.1	3.0
VARIABLE														
CALM	////////////////////////////////////											18.1	////////	
TOTALS	41.0	32.5	7.8	.6	.4							100.0	4.1	4.5

TOTAL NUMBER OF OBSERVATIONS 652

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	.6	.2									4.3	3.4	2.5
020-040	3.0	1.2	.3	.1								4.6	4.5	3.0
050-070	1.1	1.6	.6	.2								3.5	7.1	6.0
(E) 080-100	1.4	.3	.3	.1								2.2	5.3	3.0
110-130	1.5	.1										1.6	2.3	2.0
140-160	2.4	.1										2.5	2.3	2.0
(S) 170-190	7.6	3.4	.3									11.4	4.0	4.0
200-220	8.8	7.7	1.6									18.2	5.1	5.0
230-250	6.7	3.9										10.5	3.9	4.0
(W) 260-280	3.3	1.1										4.4	3.4	3.0
290-310	2.6	.8										3.3	3.6	4.0
320-340	4.4	1.7	.1									6.2	3.6	4.0
VARIABLE														
CALM	////////////////////////////////////											27.2	////////	
TOTALS	46.2	22.5	3.4	.4								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	1.9	.4									8.0	4.0	3.0
020-040	4.4	2.5	.3	.4								7.6	4.8	3.0
050-070	1.2	.9	.8	.1								2.9	6.5	7.0
(E) 080-100	.8	.6	.3									1.7	5.9	6.5
110-130	1.0	.1										1.1	2.4	2.0
140-160	2.0											2.0	2.0	2.0
(S) 170-190	5.2	2.0										7.2	3.7	4.0
200-220	5.7	7.7	.8									14.2	5.2	5.0
230-250	6.0	3.3	.2									9.6	3.8	4.0
(W) 260-280	3.9	.2										4.1	2.8	2.5
290-310	3.5	1.2	.1									4.8	3.7	4.0
320-340	6.8	1.3										8.1	3.1	3.0
VARIABLE														
CALM	////////////////////											28.7	////////	
TOTALS	46.1	21.7	2.9	.5								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	3.9	1.4									10.9	5.1	4.0
020-040	3.1	4.2	.6	.2	.2							8.4	6.1	5.0
050-070	1.9	3.1	.5									5.6	5.9	6.0
(E) 080-100	1.1	.9	.4									2.4	6.0	6.0
110-130	1.4	.2										1.6	3.4	3.0
140-160	1.3	.2										1.5	3.0	3.0
(S) 170-190	3.3	3.0	.3									6.7	4.7	4.5
200-220	4.7	5.9	1.4									12.0	5.6	5.0
230-250	5.1	4.0	.8									9.8	4.7	4.0
(W) 260-280	3.7	2.2										5.8	3.9	3.0
290-310	3.3	2.0										5.4	3.7	4.0
320-340	5.4	3.9	1.1									10.3	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											19.7	////////	
TOTALS	39.9	33.5	6.5	.2	.2							100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	6.0	1.9	.2								11.3	6.6	6.0
020-040	3.3	3.3	1.0		.2							7.8	5.9	5.0
050-070	4.4	3.5	.9	.1								8.9	5.2	5.0
(E) 080-100	3.4	3.4	.8	.1								7.7	5.3	5.0
110-130	3.8	2.8	.2									6.8	4.6	4.0
140-160	2.6	1.9										4.5	4.0	4.0
(S) 170-190	1.6	2.0	.5									4.2	5.8	5.0
200-220	1.7	5.3	1.8	.2								9.0	7.3	7.0
230-250	3.1	5.2	1.5	.1								9.9	6.2	6.0
(W) 260-280	3.2	3.5	.4									7.2	5.1	5.0
290-310	3.4	3.2	.3									7.0	5.0	5.0
320-340	3.5	5.3	1.6	.2								10.6	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											4.9	////////	
TOTALS	37.1	45.4	10.9	.9	.2							100.0	5.5	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	4.9	2.4	.1								10.9	6.6	6.0
020-040	2.3	2.0	.4									4.7	5.2	5.0
050-070	2.7	2.2	.6									5.5	5.4	5.0
(E) 080-100	5.4	2.0	.1	.1								7.6	4.2	4.0
110-130	7.3	10.6	.4									18.4	5.1	5.0
140-160	3.1	5.2	.4									8.7	5.4	5.0
(S) 170-190	1.1	1.8	.6									3.5	6.6	7.0
200-220	1.2	5.1	3.4	.1								9.8	7.9	8.0
230-250	2.3	3.9	1.6									7.7	6.7	7.0
(W) 260-280	2.0	4.2	1.6									7.8	6.5	6.0
290-310	1.8	4.3	.6									6.8	6.0	6.0
320-340	1.9	3.8	1.1	.2								7.0	6.4	6.0
VARIABLE														
CALM	////////////////////											1.5	////////	
TOTALS	34.5	50.0	13.2	.5								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	4.5	.9									7.4	6.0	6.0
020-040	2.3	1.4	.8									4.4	5.4	4.0
050-070	1.7	2.4	.5									4.6	5.9	6.0
(E) 080-100	2.7	1.7	.2									4.6	4.6	4.0
110-130	10.2	9.7	.4									20.3	4.7	4.0
140-160	6.2	8.9	.8									15.9	5.2	5.0
(S) 170-190	.8	1.5	1.1	.2								3.5	7.9	9.0
200-220	.5	4.3	3.8									8.6	9.0	9.0
230-250	1.4	4.7	2.2									8.3	7.2	7.0
(W) 260-280	1.6	4.3	.5									6.5	6.2	6.0
290-310	1.9	3.5	1.1	.3								6.9	6.8	6.0
320-340	1.2	4.2	.9	.3								6.6	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											2.4	////////////////////////////////	
TOTALS	32.5	51.1	13.2	.8								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	1.7	.3	.2								5.8	4.6	4.0
020-040	2.2	1.1	.6									3.9	4.9	4.0
050-070	1.1	1.3	.5	.1								3.0	6.4	5.5
(E) 080-100	1.4	1.6	.1									3.1	4.6	5.0
110-130	5.8	1.0										6.8	3.0	3.0
140-160	15.7	4.9	.1									20.8	3.4	3.0
(S) 170-190	7.0	4.1	.5									11.6	4.3	3.5
200-220	4.2	6.9	1.9									13.0	6.1	6.0
230-250	4.5	2.3	.1									6.9	4.1	4.0
(W) 260-280	4.1	1.0										5.1	3.3	3.0
290-310	1.6	.9	.2									2.7	4.5	4.0
320-340	2.6	2.3	.4		.1							5.4	5.4	5.0
VARIABLE														
CALM	////////////////////											12.0	////////	
TOTALS	53.7	29.1	4.7	.3	.1							100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	2.7	.6	.4									3.8	3.7	3.0
020-040	1.7	1.6	.6									4.0	5.5	5.0
050-070	1.5	1.7	.5	.1								3.9	5.9	6.0
(E) 080-100	1.4	.5	.2									2.2	4.6	4.0
110-130	2.0	.8										2.8	3.4	2.0
140-160	4.2	1.1										5.3	3.2	3.0
(S) 170-190	13.3	5.6	.1									19.0	3.7	3.0
200-220	8.6	7.7	.9									17.2	4.8	4.5
230-250	4.9	3.1	.2									8.3	4.1	4.0
(W) 260-280	3.7	.4	.2									4.3	3.6	3.0
290-310	1.4	.1										1.5	2.6	2.0
320-340	2.4	1.6										4.0	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											23.9	////////	
TOTALS	47.8	24.8	3.1	.1								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	3.0	1.0	.1								7.8	5.3	5.0
020-040	2.8	2.2	.6	.1	.1							5.7	5.4	5.0
050-070	1.9	2.1	.6	.1								4.7	5.8	5.0
(E) 080-100	2.2	1.4	.3	.0								3.9	4.9	4.0
110-130	4.1	3.2	.1									7.4	4.4	4.0
140-160	4.7	2.8	.2									7.6	4.1	4.0
(S) 170-190	5.0	2.9	.4	.0								8.4	4.5	4.0
200-220	4.4	6.3	1.9	.0								12.8	6.1	6.0
230-250	4.2	3.8	.8	.0								8.9	5.1	5.0
(W) 260-280	3.2	2.1	.3									5.6	4.6	4.0
290-310	2.5	2.0	.3	.0								4.8	4.9	4.0
320-340	3.5	3.0	.6	.1	.0							7.3	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											15.0	////////	
TOTALS	42.2	34.8	7.1	.4	.1							100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	4.2	.6	.2								10.4	5.0	4.0
020-040	5.9	6.8	2.7	.8								16.2	6.4	6.0
050-070	3.0	9.1	4.7	.5								17.2	7.7	7.0
(E) 080-100	2.3	2.3	1.7	.5								6.6	7.3	7.5
110-130	1.5	1.1										2.6	4.3	4.0
140-160	3.2	.3										3.5	2.1	2.0
(S) 170-190	2.0	.8	.3									3.0	4.3	3.5
200-220	4.1	3.9	.3									8.3	4.8	5.0
230-250	4.2	2.9										7.1	4.2	4.0
(W) 260-280	1.7	.5										2.1	3.1	2.5
290-310	2.0	.5	.2									2.6	3.1	3.0
320-340	3.5	.9			.2							4.5	3.8	3.5
VARIABLE														
CALM	////////////////////////////////////											15.9	////////////////////////////////	
TOTALS	38.8	33.3	10.5	2.0	.2							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 662

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	4.9	3.0	1.0	.1								9.0	5.2	4.0
020-040	2.4	2.9	.9	.1								6.3	6.0	5.0
050-070	2.0	1.4	.3	.1								3.9	5.0	4.0
(E) 080-100	.7	1.1	.2	.1								2.1	5.9	5.0
110-130	1.0	.4	.1									1.6	4.1	3.5
140-160	1.7	1.0	.1									2.8	4.0	3.0
(S) 170-190	6.9	3.1	.1									10.1	3.9	3.0
200-220	8.2	5.9	.9	.4								15.4	5.0	4.0
230-250	4.7	2.6										7.2	3.6	3.0
(W) 260-280	2.4	1.2										3.7	3.7	4.0
290-310	1.4	1.2	.2									2.9	4.9	4.5
320-340	5.1	2.8	.6									8.4	4.6	4.0
VARIABLE														
CALM	////////////////////											26.6	////////	
TOTALS	41.4	26.6	4.4	.8								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.4	3.4	.8									13.7	4.0	3.0
020-040	2.9	3.6	.9	.1								7.4	6.0	6.0
050-070	.9	1.9	.2	.2								3.2	6.4	6.0
(E) 080-100	1.7	.7		.1	.1							2.6	5.3	4.0
110-130	1.1	.2										1.3	3.3	3.5
140-160	2.1	.7	.1									2.9	3.5	3.0
(S) 170-190	5.4	2.3	.2									8.0	3.8	3.0
200-220	7.1	4.4	1.1	.3								13.0	5.2	4.0
230-250	5.1	2.2										7.3	3.6	3.0
(W) 260-280	4.0	.3										4.3	3.0	3.0
290-310	1.8	.8	.3									2.9	4.8	3.0
320-340	5.8	2.0	.1									7.9	3.5	3.0
VARIABLE														
CALM	////////////////////											25.4	////////	
TOTALS	47.3	22.5	3.7	.7	.1							100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.3	3.9	1.2	.1	.2							12.8	5.0	4.0
020-040	4.7	5.6	2.1	.2	.1	.1						12.8	6.5	6.0
050-070	2.1	1.4	.8	.1								4.4	5.9	5.0
(E) 080-100	.9	1.2	.1									2.2	5.0	5.0
110-130	.9	.4										1.3	3.2	2.5
140-160	.9	.4										1.3	4.3	4.0
(S) 170-190	4.3	2.2	.1									6.7	4.3	4.0
200-220	5.3	4.6	1.6	.1								11.6	5.5	5.0
230-250	4.7	3.9	.6	.2								9.3	5.1	4.5
(W) 260-280	2.8	2.1										4.9	4.1	4.0
290-310	2.1	1.3	.7									4.1	5.5	4.0
320-340	6.3	3.6	.4		.1							10.4	4.3	4.0
VARIABLE														
CALM	////////////////////											18.1	////////	
TOTALS	42.3	30.6	7.6	.7	.4	.1						100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	5.0	3.0	.6								12.3	7.1	7.0
020-040	2.9	5.8	2.9	.6	.1							12.2	7.4	7.0
050-070	4.1	5.9	1.3	.1								11.4	6.0	6.0
(E) 080-100	3.1	3.8	.9									7.8	5.5	5.0
110-130	2.7	2.3	.2									5.2	4.5	4.0
140-160	1.2	1.7	.1									3.0	5.4	6.0
(S) 170-190	.7	2.0	.7									3.3	7.2	8.0
200-220	1.8	3.4	2.9	.2								8.3	7.8	8.0
230-250	3.7	4.4	3.2	.4								11.8	7.0	7.0
(W) 260-280	1.7	4.0	1.2		.1							7.0	7.1	7.0
290-310	2.2	1.9	1.6	.1			.1	.1				6.0	7.7	6.0
320-340	2.7	3.6	1.7	.1								8.0	6.6	6.5
VARIABLE														
CALM	////////////////////											3.6	////////	
TOTALS	30.6	43.8	19.7	2.1	.2		.1	.1				100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASREVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.8	4.4	1.8	.4	.2							8.7	7.6	7.0
020-040	2.8	3.8	1.9									8.4	6.5	6.0
050-070	3.2	4.3	1.0									8.6	5.5	5.0
(E) 080-100	4.4	4.9	1.2	.1								10.7	5.5	5.0
110-130	5.3	7.7	.8									13.8	5.3	5.0
140-160	2.0	2.8	.7									5.4	6.0	6.0
(S) 170-190	1.1	1.6	.6									3.2	6.0	6.0
200-220	1.3	3.0	2.7	.8								7.8	8.6	9.0
230-250	1.7	4.7	1.8	.1								8.2	7.0	7.0
(W) 260-280	1.8	4.3	1.9	.3		.1						8.4	7.4	7.0
290-310	2.1	3.3	1.8	.3								7.6	7.2	7.0
320-340	1.8	3.9	1.7	.2	.1							7.7	7.1	6.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	29.3	48.7	17.9	2.2	.3	.1						100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	4.2	1.8									9.7	6.0	6.0
020-040	1.8	1.9	.8									4.4	5.9	5.5
050-070	2.4	2.8	.2									5.4	4.9	5.0
(E) 080-100	2.7	2.0	1.3	.1								6.1	5.9	5.0
110-130	9.2	12.0	1.0									22.2	5.1	5.0
140-160	5.2	6.8	.9	.1								13.0	5.4	5.0
(S) 170-190	.7	.3	.8	.1								1.9	8.2	9.0
200-220	1.2	3.4	2.3	.1								7.1	8.0	8.0
230-250	1.4	4.4	1.6	.2								7.7	7.5	8.0
(W) 260-280	1.9	3.3	1.0	.1								6.3	6.4	6.0
290-310	1.3	3.9	2.2	.2								7.7	7.9	7.0
320-340	1.8	3.1	.8	.2	.3							6.2	7.4	6.5
VARIABLE														
CALM	////////////////////											2.2	////////	
TOTALS	33.3	48.1	14.7	1.1	.3							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	1.9	.6		.1							7.7	4.6	4.0
020-040	1.4	1.0	.7									3.1	5.8	5.0
050-070	.7	1.7	.6	.1								3.0	7.4	8.0
(E) 080-100	2.0	1.4	.9	.1								4.4	5.4	5.0
110-130	4.0	2.1	.1									6.2	4.0	4.0
140-160	14.3	4.1	.4									18.9	3.5	3.0
(S) 170-190	6.3	2.6	1.0	.2								10.1	4.6	4.0
200-220	3.9	5.9	1.0									10.8	5.8	6.0
230-250	3.2	2.0										5.2	4.0	4.0
(W) 260-280	3.6	.8										4.3	3.2	3.0
290-310	2.3	1.0	.4	.2								4.0	5.3	4.0
320-340	4.1	2.2	.9	.3								7.6	5.6	4.0
VARIABLE														
CALM	////////////////////											14.7	////////	
TOTALS	50.9	26.7	6.6	.9	.1							100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	1.3	.6	.1								5.7	4.8	4.0
020-040	1.1	2.1	.8	.2								4.2	7.3	7.5
050-070	2.3	1.6	.9									4.8	5.5	5.0
(E) 080-100	2.1	1.2	.6	.2								4.1	5.5	4.0
110-130	1.9	1.0	.2	.1								3.2	4.5	4.0
140-160	5.0	.3	.2									5.6	3.1	3.0
(S) 170-190	11.3	2.9	.6	.1								14.9	3.8	3.0
200-220	6.3	5.7	1.4	.2								13.7	5.5	5.0
230-250	4.2	1.7	.3									6.2	4.2	3.0
(W) 260-280	2.4	1.0	.1									3.6	3.8	3.0
290-310	1.7	1.0	.2									2.9	4.6	4.0
320-340	3.3	2.9	.4	.1								6.8	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											24.4	////////////////////////////////	
TOTALS	45.3	22.7	6.3	1.0								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	3.4	1.3	.2	.1							9.9	5.5	5.0
020-040	2.5	3.3	1.4	.2	.0	.0						7.4	6.5	6.0
050-070	2.2	2.6	.7	.1								5.6	5.7	5.0
(E) 080-100	2.2	2.0	.7	.1	.0							5.0	5.5	5.0
110-130	3.3	3.3	.3	.0								6.9	4.8	5.0
140-160	4.1	2.2	.3	.0								6.6	4.3	4.0
(S) 170-190	4.6	2.1	.5	.1								7.3	4.5	4.0
200-220	4.4	4.5	1.7	.3								11.0	6.1	6.0
230-250	3.6	3.2	.9	.1								7.9	5.5	5.0
(W) 260-280	2.6	2.1	.5	.1	.0	.0						5.3	5.3	5.0
290-310	1.9	1.8	.9	.1			.0	.0				4.7	6.5	6.0
320-340	3.9	3.0	.8	.1	.1							7.9	5.4	5.0
VARIABLE														
CALM	////////////////////											14.6	////////	
TOTALS	40.3	33.5	10.0	1.4	.2							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	4.8	1.4	.1	.3							12.4	5.9	5.0
020-040	4.9	8.2	3.5	.6	.3	.1						17.7	7.4	7.0
050-070	2.4	5.1	2.5	.7								10.7	7.5	6.5
(E) 080-100	1.7	2.0	1.7	.6	.1							6.1	8.1	7.0
110-130	1.4	1.6	.7	.1								3.8	6.1	5.0
140-160	2.8	3.2	.6									6.6	5.6	5.0
(S) 170-190	3.2	1.3	.3									4.8	4.2	3.0
200-220	4.1	4.1	.4									8.6	5.0	5.0
230-250	2.8	3.4	.3									6.5	5.1	5.0
(W) 260-280	.8	1.1	.3			.1						2.4	6.6	6.0
290-310	1.3	.8		.1			.1	.1				2.5	8.6	5.0
320-340	3.0	2.4	1.1	.3	.1							6.9	6.4	6.0
VARIABLE														
CALM	////////////////////											10.9	////////////////	
TOTALS	34.2	38.0	12.8	2.5	.8	.2	.1	.1				100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 706

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	3.3	1.6									9.8	5.4	5.0
020-040	1.2	2.7	1.6									5.5	7.1	7.0
050-070	.9	1.5	2.0									4.4	7.8	8.0
(E) 080-100	1.0		.6									1.6	6.3	4.0
110-130	.6	.3										1.0	3.7	4.0
140-160	2.5	1.1	.1									3.7	3.9	4.0
(S) 170-190	7.2	2.3	.3									9.8	3.8	3.0
200-220	6.5	6.6	.8									13.8	5.1	5.0
230-250	3.2	2.4	.5									6.1	5.2	4.0
(W) 260-280	3.5	2.4	.6									6.6	4.5	4.0
290-310	4.3	2.6	.8	.1								7.7	5.2	4.0
320-340	3.0	2.3	.5									5.8	4.9	4.0
VARIABLE														
CALM	////////////////////											24.3	////////	
TOTALS	38.7	27.5	9.4	.1								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	2.3	1.9	.2								9.6	5.6	4.0
020-040	2.4	3.9	2.5	.1								8.8	7.1	7.0
050-070	.9	1.0	1.2									3.0	7.3	8.0
(E) 080-100	.8	.3	.5									1.6	6.6	5.0
110-130	.8	.8		.1								1.6	5.1	5.0
140-160	.9	1.3										2.2	4.8	5.0
(S) 170-190	7.1	2.5	.2									9.8	3.7	3.0
200-220	5.6	4.5	.6									10.8	4.6	4.0
230-250	3.9	2.8	.2									6.9	4.5	4.0
(W) 260-280	3.8	1.9	.1									5.8	3.8	3.0
290-310	2.6	3.2	1.3									7.1	6.2	6.0
320-340	4.5	3.4	.3	.1								8.4	4.6	4.0
VARIABLE														
CALM	////////////////////											24.5	////////	
TOTALS	38.5	27.9	8.8	.5								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.3	3.2	2.3	.6	.1							13.5	5.8	4.0
020-040	2.2	3.7	2.0		.2	.1						8.2	7.5	7.0
050-070	.9	2.3	.3	.1								3.5	7.0	7.0
(E) 080-100	1.2	.3	.3									1.8	4.6	3.0
110-130	1.5	.3	.1									1.9	3.6	3.0
140-160	1.4	1.1	.1									2.6	4.8	4.0
(S) 170-190	5.9	2.4	.2	.1								8.6	4.1	3.0
200-220	4.6	4.3	.9									9.8	5.1	5.0
230-250	3.3	3.4	.2									7.0	5.0	5.0
(W) 260-280	3.5	3.7										7.2	4.6	5.0
290-310	2.5	3.9	1.8	.1								8.3	6.3	6.0
320-340	4.8	3.7	1.1	.2	.1							9.9	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											17.6	////////////////////////////////	
TOTALS	39.1	32.3	9.3	1.1	.4	.1						100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	4.7	3.3	.6	.3	.1						12.8	7.9	7.0
020-040	2.5	4.7	3.3	.4								11.0	7.6	7.5
050-070	2.5	3.4	1.9	.2								8.1	6.9	6.0
(E) 080-100	1.9	.5	.3									2.8	4.8	3.5
110-130	2.4	2.3	.1									4.7	5.0	4.5
140-160	1.9	1.8	.2									4.0	4.9	5.0
(S) 170-190	1.2	2.7	.6	.4								4.9	6.9	6.0
200-220	4.0	5.7	3.2	.5	.1							13.5	7.4	7.0
230-250	1.4	3.4	2.0	.3								8.2	6.2	7.5
(W) 260-280	1.7	2.8	1.2	.1								5.8	6.7	6.0
290-310	2.0	3.4	3.7	1.0								10.1	8.7	9.0
320-340	1.7	4.4	3.8	1.4								11.3	9.0	9.0
VARIABLE														
CALM	////////////////////											2.8	////	////
TOTALS	26.9	39.8	24.6	4.9	.4	.1						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	5.5	2.2	.9	.4							11.7	7.9	7.0
020-040	2.4	2.9	1.1	.3	.1							6.8	6.9	6.0
050-070	1.8	1.7	1.2	.3								5.1	7.0	6.0
(E) 080-100	3.1	3.5	1.4	.2								8.3	6.1	5.0
110-130	3.5	5.6	.9									10.0	5.7	5.0
140-160	2.5	2.8	.3									5.6	5.3	5.0
(S) 170-190	.9	1.9	.8	.5	.1							4.2	8.6	7.0
200-220	1.1	3.3	3.3	.9	.3							8.9	9.9	10.0
230-250	1.3	3.8	2.4	1.3								8.7	8.8	8.0
(W) 260-280	1.4	4.2	2.2	.1		.1						8.0	7.9	8.0
290-310	.5	3.8	4.1	.4								8.8	9.3	10.0
320-340	2.3	3.2	4.6	1.3	.1							11.5	9.2	10.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	23.6	42.2	24.5	6.2	1.0	.1						100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	5.3	1.2	.4								9.8	6.7	6.0
020-040	2.6	2.0	1.1	.2	.1							6.0	6.5	6.0
050-070	1.2	1.1	1.5	.2								4.0	7.5	7.0
(E) 080-100	3.4	2.2	.8	.1								6.5	5.3	4.0
110-130	7.6	7.3	1.2									16.1	4.8	5.0
140-160	3.3	5.1	.4									8.8	5.2	5.0
(S) 170-190	.4	1.2	.3	.2								2.2	7.8	8.0
200-220	.9	3.4	4.1	1.0								9.4	9.4	10.0
230-250	1.3	4.1	1.6	.2	.1							7.3	7.6	7.0
(W) 260-280	2.2	4.0	.6	.3								7.1	6.5	5.5
290-310	1.4	4.8	3.7	.2								10.1	8.1	8.0
320-340	1.1	4.8	3.3	.5								9.8	8.5	8.0
VARIABLE														
CALM	////////////////////											3.0	////////	
TOTALS	28.3	45.3	19.8	3.3	.2							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	2.6	.5	.2								7.0	5.2	4.0
020-040	1.1	1.6	.4	.2								3.3	6.4	6.0
050-070	.8	1.1	2.6									4.4	8.9	10.0
(E) 080-100	1.7	1.2	1.1									4.0	6.1	6.0
110-130	3.2	1.0										4.2	3.5	3.0
140-160	8.9	3.5	.2									12.7	3.7	3.0
(S) 170-190	7.2	3.3	.4									11.0	4.1	4.0
200-220	4.5	5.2	1.0									10.6	5.4	5.0
230-250	4.5	1.0										5.5	3.4	3.0
(W) 260-280	3.1	1.2										4.3	3.5	3.0
290-310	4.5	2.5	1.0									8.0	4.9	4.0
320-340	2.4	3.4	1.0	.3								7.1	6.7	6.0
VARIABLE														
CALM	////////////////////											18.0	////////	
TOTALS	45.6	27.6	8.2	.7								100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	2.7	1.3	.2								7.7	6.2	5.5
020-040	.8	1.7	.6	.3								3.4	7.3	6.5
050-070	1.3	2.2	2.0									5.5	7.5	8.0
(E) 080-100	.6	.3	.5	.1								1.6	7.3	5.0
110-130	.6	.2										.9	3.1	2.0
140-160	4.1	1.3										5.4	3.4	3.0
(S) 170-190	10.5	4.5	.2									15.3	3.8	3.0
200-220	5.9	5.2	1.3	.1								12.5	5.5	5.0
230-250	4.4	1.1	.1	.1								5.7	3.9	3.0
(W) 260-280	3.4	1.1	.2									4.7	3.8	4.0
290-310	2.6	2.6	1.3	.2								6.7	6.2	5.0
320-340	2.8	2.6	1.2	.3								6.9	6.5	5.0
VARIABLE														
CALM	////////////////////											23.8	////////	
TOTALS	40.5	25.5	8.7	1.3								100.0	4.0	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	3.7	1.8	.4	.1	.0						10.2	6.4	6.0
020-040	1.9	2.9	1.6	.2	.1	.0						6.6	7.1	7.0
050-070	1.3	1.8	1.6	.1								4.7	7.4	7.0
(E) 080-100	1.7	1.0	.7	.1								3.5	5.8	5.0
110-130	2.5	2.2	.3	.0								5.1	4.8	4.0
140-160	3.2	2.2	.2									5.6	4.4	4.0
(S) 170-190	5.1	2.6	.4	.2	.0							8.2	4.5	4.0
200-220	4.1	4.8	1.9	.3	.1							11.2	6.4	6.0
230-250	2.9	2.7	1.0	.2	.0							6.9	6.1	5.0
(W) 260-280	2.8	2.6	.6	.1		.0						6.2	5.4	5.0
290-310	2.6	3.3	2.2	.3								8.3	7.0	6.0
320-340	2.8	3.5	2.0	.5	.0							8.8	7.1	6.0
VARIABLE														
CALM	////////////////////											14.6	////////	
TOTALS	35.1	33.3	14.3	2.4	.3							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	3.8	3.6	.7	.3							13.7	7.4	7.0
020-040	3.1	5.5	3.3	1.3	.6	.1						14.0	8.3	7.0
050-070	3.1	3.8	2.8	1.0								10.6	7.7	7.0
(E) 080-100	3.3	.4	1.0									4.8	4.7	4.0
110-130	2.0	.9	.3	.1								3.3	4.9	4.0
140-160	3.8	4.7	.3									8.7	5.1	5.0
(S) 170-190	3.9	2.9	.4									7.3	4.4	4.0
200-220	1.7	3.9	.3									6.0	5.4	5.0
230-250	1.6	2.2	.3									4.1	5.4	5.0
(W) 260-280	1.5	2.2	.3									3.9	5.4	5.0
290-310	1.5	.7	.4									2.6	5.4	4.0
320-340	3.1	2.5	1.6	.1								7.3	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											13.7	////////////////////////////////	
TOTALS	33.8	33.5	14.6	3.2	.9	.1						100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.2	1.8	1.4									7.4	5.1	4.0
020-040	2.0	2.8	.6	.3								5.7	6.3	6.0
050-070	1.2	1.9	.9									4.0	6.7	6.0
(E) 080-100	1.0	.8	.4		.1							2.3	6.8	6.0
110-130	.9	.6	.4									1.9	6.0	6.0
140-160	1.8	.3										2.1	2.9	3.0
(S) 170-190	6.2	2.9	.2	.3	.1							9.8	4.9	4.0
200-220	5.8	5.4	2.9	.3								14.4	6.5	6.0
230-250	3.9	2.9	1.1	.1								8.0	5.7	5.0
(W) 260-280	3.8	3.4	.9	.4								8.6	5.8	5.0
290-310	3.1	3.8	2.4	.7	.2	.1						10.3	7.8	7.0
320-340	2.9	5.6	2.7	.3		.1						11.6	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											13.9	////////	
TOTALS	36.8	32.2	13.9	2.4	.4	.2						100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	2.1	1.3	.2								7.7	5.7	4.0
020-040	1.6	2.8	1.2	.2								5.8	7.0	6.5
050-070	.8	2.4	1.3	.2								4.8	7.7	7.0
(E) 080-100	1.1	.7	.2	.1								2.1	4.8	2.0
110-130	.9	.2	.1	.1								1.3	4.9	2.5
140-160	1.3	.4	.4									2.2	5.0	4.0
(S) 170-190	5.2	2.2	.1									7.6	3.9	3.0
200-220	5.2	6.0	2.4	.1								13.8	6.0	6.0
230-250	3.1	4.2	.9									8.2	5.5	6.0
(W) 260-280	4.2	2.2	1.1	.3								7.9	5.6	4.0
290-310	2.4	5.1	2.0	.6	.3							10.4	7.9	8.0
320-340	4.1	4.7	1.9	.7								11.3	6.7	6.0
VARIABLE														
CALM	////////////////////											16.9	////////	
TOTALS	33.9	33.0	12.9	2.5	.3							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	1.9	1.7	.4								7.7	6.3	5.0
020-040	2.1	1.9	.6	.2								4.8	5.8	6.0
050-070	1.4	1.6	2.0									5.0	7.4	6.0
(E) 080-100	1.0	.8	.9	.1								2.8	7.1	6.0
110-130	1.6	.2	.2	.1								2.1	4.2	2.0
140-160	1.1	.3		.2								1.7	4.5	3.0
(S) 170-190	4.8	2.8	.6	.2								8.3	4.8	3.0
200-220	4.9	5.3	2.6	.4								13.2	6.4	6.0
230-250	4.3	2.4	.3	.2								7.3	4.8	4.0
(W) 260-280	4.6	2.6	1.1	.1								8.3	5.5	4.0
290-310	1.7	5.3	2.9	.8	.3							11.0	8.6	8.0
320-340	2.4	5.7	2.1	.2								10.4	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											17.3	////////	
TOTALS	33.6	30.8	15.0	2.9	.3							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	3.7	3.4	.9	.1							10.7	8.4	9.0
020-040	.8	2.4	.9	.3								4.4	7.6	7.0
050-070	2.3	2.2	1.2									5.8	6.0	6.0
(E) 080-100	2.3	2.1	1.2	.3	.3							6.3	7.4	6.0
110-130	1.7	.9	.3									2.9	5.0	4.0
140-160	2.4	.8		.1								3.3	4.1	3.0
(S) 170-190	1.9	1.6	1.2	.1	.1							4.9	6.8	6.0
200-220	2.4	4.1	4.0	1.0	.1		.1					11.8	8.8	8.5
230-250	3.4	4.3	2.4	1.0	.1							11.3	7.6	7.0
(W) 260-280	1.7	4.9	2.0	.4	.1	.1						9.2	8.1	8.0
290-310	.9	3.6	5.3	2.0	.8	.1						12.7	11.1	10.0
320-340	1.3	3.7	6.3	1.4	.1		.1					13.0	10.1	10.0
VARIABLE														
CALM	////////////////////											3.7	////	////
TOTALS	23.7	34.3	28.2	7.5	1.7	.2	.2					100.0	8.0	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.8	2.6	.8								8.1	8.7	8.0
020-040	1.0	1.2	.9	.1								3.2	7.0	7.0
050-070	1.6	1.2	1.6									4.3	6.8	7.0
(E) 080-100	1.9	2.4	.9	.8	.4							6.4	8.7	6.5
110-130	4.2	3.8	.6									8.6	5.2	5.0
140-160	.9	2.0	.1									3.0	5.3	6.0
(S) 170-190	.8	1.9	1.2	.7	.1							4.7	8.9	8.0
200-220	1.9	4.1	3.7	1.2	.2							11.1	9.2	9.0
230-250	2.3	3.2	2.7	1.6								9.8	8.6	8.0
(W) 260-280	2.0	4.4	3.8	1.2								11.4	8.6	8.0
290-310	1.6	4.6	5.8	3.4	.7							16.0	10.9	10.0
320-340	1.0	4.2	4.6	1.4	.6	.1	.2					12.1	10.8	10.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	20.2	36.8	28.5	11.2	2.0	.1	.2					100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.0	2.3	.3	.1							8.2	7.4	7.0
020-040	1.1	1.3	.8	.2								3.4	6.8	6.0
050-070	1.1	.7	.9	.2								2.9	7.3	7.0
(E) 080-100	1.4	2.9	.2	.3	.1	.1						5.1	7.1	6.0
110-130	6.4	4.8	.8	.2								12.2	5.1	4.0
140-160	2.4	2.0	.7									5.1	5.3	5.0
(S) 170-190	1.2	1.6	1.2	.6								4.6	8.1	8.0
200-220	3.2	4.7	3.0	.7	.2							11.8	7.8	8.0
230-250	3.0	3.8	1.1	.2								8.1	6.2	6.0
(W) 260-280	3.2	3.8	1.6	.6								9.1	6.8	6.0
290-310	2.1	4.7	6.0	1.6	.2							14.6	9.6	10.0
320-340	1.0	3.6	4.3	1.0	.8	.1						10.8	10.3	10.0
VARIABLE														
CALM	////////////////////											4.1	////////	
TOTALS	28.5	36.9	22.9	5.9	1.4	.2						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	1.7	1.3	.1								7.0	5.5	4.0
020-040	1.2	1.3	.9									3.5	6.7	7.0
050-070	.3	1.4	1.6									3.3	8.5	9.0
(E) 080-100	.6	1.3	.2			.1						2.2	7.5	6.0
110-130	3.7	1.2	.1		.1	.1						5.2	4.0	2.0
140-160	5.7	2.3	1.0									9.0	4.5	3.0
(S) 170-190	7.1	2.1	.4	.9								10.6	4.8	3.0
200-220	4.6	5.7	1.6	.3								12.1	6.0	6.0
230-250	4.5	2.1	.3									6.9	4.2	3.0
(W) 260-280	2.9	1.2	.9									5.0	5.0	4.0
290-310	2.7	4.3	2.8	.2								10.0	7.3	8.0
320-340	1.9	5.5	3.2	.8								11.4	7.9	7.0
VARIABLE														
CALM	////////////////////////////////////											13.7	////////	
TOTALS	39.1	30.1	14.3	2.3	.1	.2						100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	2.2	1.7	.1								7.7	5.7	5.0
020-040	.8	2.3	1.6									4.7	7.7	8.0
050-070	.4	1.9	1.0									3.3	7.7	8.0
(E) 080-100	.2	.4	.2	.3	.2							1.4	10.9	12.0
110-130	1.2	.9	.3			.1						2.6	6.3	5.0
140-160	4.1	1.1	.2									5.5	3.6	3.0
(S) 170-190	6.9	2.8	1.3	.2	.2							11.5	5.2	4.0
200-220	6.6	5.0	2.0	.1								13.7	5.6	5.0
230-250	3.9	2.7	1.0	.1								7.7	5.4	4.0
(W) 260-280	3.8	2.8	1.6	.1								8.2	5.6	5.0
290-310	2.3	4.0	3.1	.4	.1							10.0	8.3	8.0
320-340	2.8	4.1	2.6	.3		.1						9.9	7.4	6.0
VARIABLE														
CALM	////////////////////											13.7	////////	
TOTALS	36.7	30.2	16.6	1.6	.5	.2						100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 897														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	2.5	2.0	.4	.0							8.1	6.7	6.0
020-040	1.3	2.0	.9	.2								4.4	6.9	6.0
050-070	1.2	1.7	1.3	.1								4.2	7.2	7.0
(E) 080-100	1.2	1.4	.5	.3	.2	.0						3.6	7.6	6.0
110-130	2.6	1.6	.4	.1	.0	.0						4.6	5.0	4.0
140-160	2.5	1.2	.3	.0								4.0	4.4	3.0
(S) 170-190	4.3	2.2	.8	.4	.1							7.7	5.5	4.0
200-220	4.3	5.0	2.8	.5	.1		.0					12.7	7.0	7.0
230-250	3.6	3.2	1.2	.4	.0							8.4	6.2	5.0
(W) 260-280	3.3	3.2	1.6	.4	.0	.0						8.5	6.6	6.0
290-310	2.1	4.4	3.8	1.2	.3	.0						11.9	9.1	9.0
320-340	2.2	4.6	3.5	.8	.2	.1	.0					11.3	8.5	8.0
VARIABLE														
CALM	////////////////////											10.6	////////	
TOTALS	31.8	33.0	19.1	4.8	.9	.1						100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	3.0	4.8	4.9	.1	.1							13.0	7.9	8.0
020-040	2.3	4.3	3.7	.5								10.8	7.9	8.0
050-070	1.9	4.8	5.2	.3								12.2	8.4	9.0
(E) 080-100	.8	2.7	2.2	.5								6.3	8.7	8.0
110-130	2.2	1.8	1.1	.3								5.3	6.3	5.0
140-160	2.1	3.0	.8	.4								6.3	6.6	6.0
(S) 170-190	2.5	3.4	.5	.1								6.6	6.0	6.0
200-220	1.4	3.8	2.7	.8	.1							8.9	8.9	9.0
230-250	1.5	1.9	1.1	.4								4.9	7.3	7.0
(W) 260-280	1.8	1.6	1.0	.3								4.7	6.8	7.0
290-310	1.2	2.1	.8	.3	.4							4.8	8.5	7.0
320-340	2.3	2.3	2.1	.5								7.3	7.4	7.0
VARIABLE														
CALM	////////////////////											8.8	////////////////	
TOTALS	23.0	36.5	26.1	4.5	.6							100.0	7.0	8.0

TOTAL NUMBER OF OBSERVATIONS 729

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	2.7	1.0	.2								9.4	5.2	4.0
020-040	1.4	1.7	1.5	.2								4.8	7.2	8.0
050-070	1.0	1.5	.4									2.9	6.0	6.0
(E) 080-100	.8	.2	.5	.4								1.9	9.0	10.0
110-130	1.1	.6										1.7	4.2	4.0
140-160	1.9	.4	.3	.1								2.8	4.4	3.0
(S) 170-190	3.8	1.9	.5	.3								6.6	5.4	4.0
200-220	4.3	3.2	3.8	.5								11.8	7.1	6.0
230-250	3.9	2.3	1.2	.3								7.6	5.7	4.0
(W) 260-280	4.2	3.2	1.5	.6	.3	.1						10.0	7.0	5.0
290-310	3.5	6.3	3.3	1.0	.3							14.5	7.9	7.0
320-340	3.8	4.2	2.7	.4	.2							11.3	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											14.6	////////////////////////////////	
TOTALS	35.2	28.2	16.7	4.0	.8	.1						100.0	5.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	3.4	1.0									9.6	5.0	4.0
020-040	2.3	2.5	1.0	.1								5.8	6.0	5.0
050-070	1.1	1.6	.8	.1								3.5	6.4	6.0
(E) 080-100	1.3	.4	.8	.2								2.7	6.8	5.0
110-130	1.0	.9										1.8	4.8	4.0
140-160	1.7	.2	.2									2.2	3.9	3.0
(S) 170-190	4.7	1.3	.6	.2	.2							7.1	5.1	3.0
200-220	3.8	4.0	2.2	.9	.1							10.9	7.3	6.0
230-250	3.0	2.7	1.0	.1								6.8	5.7	5.0
(W) 260-280	4.0	3.3	2.3	.6	.3							10.5	7.7	6.0
290-310	3.7	4.3	2.5	1.2	.2							11.8	7.4	6.0
320-340	4.6	5.2	2.9	.4								13.1	6.6	6.0
VARIABLE														
CALM	////////////////////											14.2	////////	
TOTALS	36.4	29.8	15.3	3.8	.8							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	3.0	1.1	.4								9.2	5.6	4.0
020-040	2.2	2.3	1.0									5.4	6.3	6.0
050-070	1.2	1.8	.5									3.5	5.9	6.0
(E) 080-100	1.2	.4	.4	.4								2.5	7.0	5.0
110-130	.9	1.4	.1	.1	.1							2.6	6.7	5.5
140-160	1.2	1.0	.1									2.3	4.6	4.0
(S) 170-190	2.7	1.4	.6	.6								5.4	6.4	4.5
200-220	3.2	2.6	2.3	.8	.2							9.0	7.7	6.5
230-250	4.8	3.0	.8	.1	.2							8.9	5.3	4.0
(W) 260-280	5.3	3.5	2.0	.4	.1							11.4	6.3	5.0
290-310	2.5	3.9	2.6	.9	.1							9.9	7.8	7.0
320-340	4.3	7.4	3.0	.9	.2							15.8	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											14.1	////////	
TOTALS	34.2	31.7	14.5	4.6	.9							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	4.6	3.0	.8	.1							11.4	7.6	7.0
020-040	1.8	2.6	1.5									5.9	6.9	7.0
050-070	1.4	2.2	.5									4.1	5.8	6.0
(E) 080-100	1.1	2.3	.8	.1								4.2	6.5	6.0
110-130	1.2	1.1	.1	.2	.1							2.7	6.4	5.0
140-160	.8	.9	.2	.1								1.9	6.5	6.0
(S) 170-190	1.5	1.9	.5	.2	.1	.1						4.4	7.1	6.0
200-220	1.7	3.5	3.4	1.4	.1							10.2	9.2	9.0
230-250	2.7	3.7	2.5	.1	.1							9.0	7.1	7.0
(W) 260-280	2.9	4.1	2.2	.6	.3							10.1	7.9	7.0
290-310	1.9	3.9	4.5	2.4	.9	.1						13.7	10.8	10.0
320-340	2.3	4.5	5.8	2.0	1.0							15.6	10.2	10.0
VARIABLE														
CALM	////////////////////											6.8	////	////
TOTALS	22.2	35.3	25.0	7.9	2.7	.2						100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	3.5	3.8	1.1	.1							10.0	9.2	9.0
020-040	1.7	2.3	1.1									5.1	6.6	7.0
050-070	1.3	1.5	.4									3.2	6.0	5.5
(E) 080-100	1.4	1.8	1.1	.1	.1							4.5	7.0	6.0
110-130	1.5	1.3	.5		.1							3.4	6.2	6.0
140-160	1.9	1.1	.4									3.4	5.2	4.0
(S) 170-190	.3	2.0	.4	.2	.2							3.2	8.6	7.0
200-220	1.6	3.5	3.0	1.6	.5							10.3	9.8	9.5
230-250	2.0	5.7	2.6	.6	.1							11.1	7.9	8.0
(W) 260-280	2.8	3.5	4.2	.6		.1						11.3	8.5	8.0
290-310	1.7	4.9	4.8	3.0	.9	.5						15.9	11.3	10.0
320-340	2.7	4.9	6.7	2.5	.5							17.3	9.7	10.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	20.4	36.0	29.0	9.7	2.5	.6						100.0	8.8	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	5.5	2.4	.1								11.7	6.7	7.0
020-040	1.0	1.6	.3									2.9	6.0	6.0
050-070	1.2	1.3	.5									3.0	5.9	6.0
(E) 080-100	2.6	1.6	.6	.1	.3							5.3	6.6	5.0
110-130	4.0	1.1	.8									5.8	4.4	4.0
140-160	1.6	1.4	.2									3.2	4.9	4.5
(S) 170-190	1.6	1.7	.9	.5	.2	.1						5.1	8.5	7.0
200-220	2.4	3.9	2.6	1.1	.2	.1						10.2	8.6	8.0
230-250	3.7	3.0	1.4									8.1	5.4	5.0
(W) 260-280	3.5	4.5	2.8	.5		.1						11.5	7.3	6.0
290-310	2.7	5.4	5.8	2.5	1.1	.3						17.7	10.4	10.0
320-340	2.3	4.0	4.0	1.4								11.6	9.0	9.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	30.4	35.0	22.3	6.2	1.8	.6						100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	3.0	.9	.3								8.3	5.5	5.0
020-040	2.2	1.1	.6	.1								4.0	5.4	4.0
050-070	.6	1.7	.5	.2								3.1	7.3	6.0
(E) 080-100	1.4	.3	.5		.1	.1						2.5	7.2	4.0
110-130	1.8	.4	.2			.1						2.6	5.1	3.5
140-160	4.5	1.1	.3	.1								6.0	4.0	3.0
(S) 170-190	3.4	1.7	.9	.2								6.2	5.3	4.0
200-220	4.8	3.8	3.0	.5	.4							12.6	7.1	6.0
230-250	4.8	1.5	1.1	.1	.2							7.7	5.2	4.0
(W) 260-280	4.2	2.3	1.4	.4	.1							8.4	6.1	4.5
290-310	2.2	3.9	3.9	1.0	.5	.1						11.5	9.5	9.0
320-340	3.8	5.9	3.2	.2								13.1	7.1	7.0
VARIABLE														
CALM	////////////////////											14.0	////////	
TOTALS	37.8	26.7	16.5	3.1	1.3	.3						100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	2.5	1.3	.2								7.3	5.8	5.0
020-040	1.9	1.4	1.1									4.4	6.0	5.0
050-070	1.2	1.1	.8	.1								3.1	7.0	5.0
(E) 080-100	1.5	.5	.4	.1								2.6	5.9	4.0
110-130	1.5	.5	.1		.1							2.3	4.4	2.0
140-160	2.6	.6	.2									3.4	3.9	3.0
(S) 170-190	4.0	1.9	1.4	.1								7.4	5.8	4.0
200-220	3.5	3.9	3.4	.3		.1						11.3	7.5	7.0
230-250	3.9	1.5	.5	.1	.1							6.1	4.8	4.0
(W) 260-280	3.1	2.9	2.8	.3	.1	.1						9.4	7.5	6.0
290-310	2.4	5.3	3.7	1.0	.4							12.7	8.6	8.0
320-340	4.5	4.6	3.0	1.0		.1						13.2	7.4	6.0
VARIABLE														
CALM	////////////////////											16.8	////////	
TOTALS	33.4	26.7	18.7	3.2	.7	.3						100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.9	3.5	1.8	.4	.0							9.6	6.4	6.0
020-040	1.8	1.9	1.0	.1								4.8	6.3	6.0
050-070	1.1	1.6	.6	.1								3.3	6.3	6.0
(E) 080-100	1.4	1.0	.6	.2	.1	.0						3.3	6.9	5.0
110-130	1.6	.9	.2	.0	.1	.0						2.9	5.2	4.0
140-160	2.0	.8	.3	.0								3.2	4.6	4.0
(S) 170-190	2.8	1.7	.7	.3	.1	.0						5.7	6.2	5.0
200-220	3.2	3.5	3.0	.9	.2	.0						10.8	8.0	7.0
230-250	3.6	2.9	1.4	.2	.1							8.2	6.0	5.0
(W) 260-280	3.8	3.4	2.4	.5	.2	.1						10.3	7.3	6.0
290-310	2.6	4.7	3.9	1.6	.6	.1						13.5	9.4	8.0
320-340	3.5	5.1	3.9	1.1	.2	.0						13.9	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											10.7	////////////////////////////////	
TOTALS	31.3	31.0	19.8	5.4	1.6	.2						100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	6.4	2.2	.6	.1							12.9	7.0	6.0
020-040	2.0	4.7	1.9	.1								8.7	7.3	8.0
050-070	1.5	2.7	1.1	.5								5.7	7.3	7.0
(E) 080-100	1.3	1.3	2.3	1.3	.5	.1						6.8	11.1	12.0
110-130	2.5	2.7	1.1	.1	.4	.1						6.8	7.3	6.0
140-160	2.0	1.8	.9	.1								4.8	6.2	6.0
(S) 170-190	1.3	2.9	.8		.1							5.2	6.9	6.0
200-220	1.9	3.7	4.0	1.3	.1							11.0	9.2	9.0
230-250	2.9	4.4	3.4	.6	.4							11.7	8.1	8.0
(W) 260-280	1.6	2.7	2.5	.1								6.9	7.7	8.0
290-310	1.3	2.7	1.2	.1								5.3	7.0	6.0
320-340	2.5	2.3	2.0	.1								6.9	6.9	7.0
VARIABLE														
CALM	////////////////////											7.4	////////	
TOTALS	24.3	38.3	23.4	4.9	1.6	.2						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 854

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	3.3	1.6	.3	.1	.0	.0	.0				8.6	6.5	6.0
020-040	1.8	2.2	1.0	.1	.0	.0						5.2	6.5	6.0
050-070	1.4	1.9	.9	.1	.0	.0	.0					4.4	6.7	6.0
(E) 080-100	1.8	1.7	.6	.2	.0	.0						4.3	6.1	5.0
110-130	2.9	2.8	.5	.0	.0	.0						6.2	5.1	5.0
140-160	3.3	2.1	.3	.0	.0							5.7	4.5	4.0
(S) 170-190	3.7	2.4	.7	.2	.0	.0						7.0	5.3	4.0
200-220	3.5	4.7	2.5	.6	.1	.0	.0					11.5	7.2	7.0
230-250	3.4	3.4	1.2	.2	.0	.0						8.2	6.0	5.0
(W) 260-280	2.9	3.1	1.4	.3	.1	.0	.0					7.8	6.6	6.0
290-310	2.1	3.5	2.8	.9	.2	.0	.0	.0				9.7	8.7	8.0
320-340	3.0	4.2	2.6	.7	.1	.0	.0					10.6	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											10.7	////////////////////////////////	
TOTALS	33.2	35.3	16.1	3.6	.6							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS: 87634

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	5.3	2.6	.7	.2	.0						12.7	7.2	7.0
020-040	3.1	5.6	3.0	.4	.1	.0						12.3	7.5	8.0
050-070	2.3	5.4	3.3	.7	.2	.1	.0					12.0	8.3	8.0
(E) 080-100	2.5	3.1	1.9	.9	.2	.0						8.6	8.0	7.0
110-130	3.4	3.0	.7	.1	.0	.0						7.3	5.4	5.0
140-160	3.0	2.2	.6	.1	.0							5.9	5.1	4.0
(S) 170-190	2.0	1.8	.6	.1	.0							4.5	5.8	5.0
200-220	1.9	2.8	1.4	.3	.1							6.5	7.2	6.0
230-250	1.8	2.3	.7	.1	.1							5.0	6.4	6.0
(W) 260-280	1.5	1.5	.6	.1		.0						3.7	6.2	5.0
290-310	1.2	1.4	1.1	.4	.1	.0	.0	.0				4.2	8.4	8.0
320-340	2.4	2.9	1.7	.5	.1							7.7	7.5	7.0
VARIABLE														
CALM	////////////////////											9.8	////////	
TOTALS	29.1	37.3	18.2	4.4	1.1	.1						100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS: 9464

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

D - 1 - 1

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.2	47.3	48.7	49.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000	51.8	53.9	55.3	56.1	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	51.8	53.9	55.3	56.1	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 16000	51.8	53.9	55.3	56.1	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000	51.8	53.9	55.3	56.1	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 12000	52.7	54.9	56.3	57.1	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 10000	57.7	60.1	61.7	62.4	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 9000	58.8	61.1	62.8	63.5	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 8000	61.6	63.9	65.8	66.6	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	63.2	65.7	67.7	68.6	69.6	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	63.7	66.2	68.2	69.1	70.2	70.4	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 5000	65.4	68.1	70.4	71.4	72.7	72.9	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	66.2	68.9	71.4	72.4	73.7	74.0	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	68.9	72.2	74.8	75.9	77.2	77.4	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	70.2	73.7	76.3	77.4	78.7	78.9	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3000	72.6	76.4	79.0	80.3	81.9	82.1	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2500	73.4	77.4	80.2	81.5	83.2	83.4	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	73.7	77.7	80.5	81.8	83.6	84.0	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1800	74.0	78.0	80.8	82.1	84.1	84.4	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1500	74.0	78.1	80.9	82.2	84.4	84.7	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	74.4	78.7	81.6	83.0	85.3	85.7	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1000	74.4	78.9	82.0	83.6	86.0	86.4	86.9	87.2	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5
GE 900	74.7	79.2	82.7	84.3	86.7	87.1	87.5	87.8	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2
GE 800	75.2	79.8	83.2	85.0	87.4	87.9	88.5	88.8	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1
GE 700	75.6	80.2	84.0	85.8	88.2	88.7	89.2	89.9	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 600	75.6	80.4	84.3	86.1	88.7	89.5	90.0	90.7	90.7	91.0	91.2	91.2	91.2	91.2	91.2	91.2
GE 500	75.6	80.4	84.4	86.2	88.9	89.9	90.9	91.9	92.0	92.6	92.9	92.9	92.9	92.9	92.9	92.9
GE 400	75.6	80.4	84.4	86.2	89.2	90.2	91.4	92.7	92.9	93.4	93.8	93.8	93.9	93.9	93.9	93.9
GE 300	75.7	80.5	84.5	86.3	89.7	90.7	92.2	94.1	94.3	94.9	95.4	95.5	95.6	95.7	95.7	95.7
GE 200	75.7	80.5	84.6	86.4	90.1	91.2	93.3	95.3	95.5	96.2	96.9	97.0	97.4	97.7	97.7	97.7
GE 100	75.7	80.5	84.6	86.4	90.2	91.3	93.5	95.8	96.0	96.9	97.8	98.0	98.5	98.9	99.5	99.8
GE 000	75.7	80.5	84.6	86.4	90.2	91.3	93.5	95.8	96.0	96.9	97.8	98.0	98.5	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.0	45.3	47.1	48.1	48.2	48.3	48.5	48.7	48.7	48.7	48.8	48.8	48.8	48.9	48.9	48.9
GE 20000	50.5	52.6	54.8	55.9	56.2	56.3	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9
GE 18000	50.5	52.6	54.8	55.9	56.2	56.3	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9
GE 16000	50.5	52.6	54.8	55.9	56.2	56.3	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9
GE 14000	50.5	52.6	54.8	55.9	56.2	56.3	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9
GE 12000	51.0	53.3	55.4	56.5	56.8	56.9	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6
GE 10000	56.1	58.3	60.8	61.9	62.3	62.4	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1
GE 9000	57.8	60.1	62.5	63.6	64.0	64.2	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8
GE 8000	61.2	63.8	66.3	67.4	67.8	67.9	68.2	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7
GE 7000	62.6	65.3	67.9	69.0	69.4	69.5	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3
GE 6000	63.0	65.7	68.2	69.4	69.9	70.0	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.7	70.7	70.7
GE 5000	63.8	66.6	69.2	70.6	71.4	71.5	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3
GE 4500	65.2	68.0	70.6	72.1	72.9	73.0	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8
GE 4000	67.6	71.6	74.4	75.9	76.7	76.9	77.6	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0
GE 3500	69.0	73.1	76.0	77.6	78.6	78.7	79.4	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9
GE 3000	71.3	75.7	78.7	80.4	81.6	81.7	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9
GE 2500	71.7	76.5	79.7	81.4	82.8	82.9	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1
GE 2000	72.3	77.4	80.7	82.6	84.0	84.3	85.1	85.4	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6
GE 1800	72.7	77.7	81.1	82.9	84.3	84.6	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9
GE 1500	73.0	78.0	81.4	83.2	84.6	85.1	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5
GE 1200	73.1	78.5	81.8	83.7	85.3	85.8	86.8	87.4	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6
GE 1000	73.2	79.0	82.6	84.5	86.2	86.9	87.8	88.6	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9
GE 900	73.5	79.3	82.9	84.8	86.5	87.2	88.4	89.1	89.1	89.2	89.3	89.3	89.3	89.5	89.5	89.5
GE 800	73.8	79.8	83.3	85.5	87.5	88.2	89.5	90.2	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.5
GE 700	73.8	79.8	83.4	85.7	87.7	88.4	89.7	90.4	90.4	90.5	90.6	90.6	90.6	90.7	90.7	90.7
GE 600	73.8	79.9	83.5	86.0	88.2	88.9	90.2	91.1	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4
GE 500	73.8	80.0	83.7	86.5	88.9	90.0	91.7	93.0	93.0	93.2	93.5	93.5	93.5	93.6	93.6	93.6
GE 400	73.8	80.0	83.7	86.8	89.5	90.5	92.5	94.1	94.1	94.4	94.8	94.8	95.0	95.2	95.2	95.2
GE 300	74.0	80.3	84.1	87.1	89.8	90.9	93.0	94.9	94.9	95.7	96.3	96.4	96.8	97.0	97.0	97.0
GE 200	74.1	80.4	84.2	87.2	89.9	91.2	94.0	96.0	96.0	97.1	97.8	98.0	98.3	98.6	98.6	98.6
GE 100	74.1	80.4	84.2	87.2	89.9	91.2	94.0	96.2	96.2	97.3	98.1	98.3	98.7	99.2	99.7	100.0
GE 000	74.1	80.4	84.2	87.2	89.9	91.2	94.0	96.2	96.2	97.3	98.1	98.3	98.7	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.9	42.9	44.2	44.7	45.6	45.9	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 20000	45.9	49.4	51.0	51.9	52.8	53.1	53.3	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 18000	46.1	49.6	51.2	52.2	53.0	53.3	53.5	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 16000	46.1	49.6	51.2	52.2	53.0	53.3	53.5	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 14000	46.1	49.6	51.2	52.2	53.0	53.3	53.7	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 12000	46.6	50.0	51.6	52.6	53.4	53.8	54.1	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 10000	50.2	54.2	56.1	57.1	58.1	58.4	58.7	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 9000	51.4	55.4	57.3	58.3	59.2	59.6	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 8000	54.9	60.0	62.0	63.1	64.2	64.6	64.9	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 7000	56.5	61.7	64.0	65.1	66.1	66.6	66.9	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	56.8	62.2	64.4	65.5	66.6	67.0	67.3	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 5000	58.4	64.1	66.6	67.7	68.8	69.2	69.6	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	59.7	65.5	68.0	69.1	70.2	70.6	71.0	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4000	63.2	70.0	72.8	74.0	75.1	75.5	76.2	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5
GE 3500	65.5	72.6	75.4	76.6	77.7	78.2	78.9	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 3000	67.3	74.7	77.5	79.0	80.4	80.9	81.6	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	67.8	75.5	78.5	80.4	81.9	82.4	83.1	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	68.2	76.0	79.0	81.1	82.9	83.3	84.1	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4
GE 1800	68.5	76.3	79.4	81.4	83.2	83.7	84.4	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	69.1	77.0	80.1	82.2	84.2	84.6	85.5	86.5	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	70.0	78.0	81.2	83.3	85.4	85.8	86.7	87.8	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	70.0	78.2	81.4	83.5	85.6	86.0	86.9	88.1	88.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	70.1	78.3	81.5	83.8	85.8	86.5	87.4	88.6	88.9	89.0	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	70.3	78.5	81.8	84.5	86.6	87.2	88.2	89.5	89.8	89.9	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	70.3	78.5	81.8	84.5	86.7	87.3	88.4	89.9	90.2	90.3	90.9	90.9	91.1	91.1	91.1	91.1
GE 600	70.3	78.5	81.8	84.6	87.0	87.7	89.0	90.5	90.9	91.0	91.5	91.5	91.8	91.8	91.8	91.8
GE 500	70.4	78.7	82.3	85.2	88.0	88.9	90.8	92.3	92.6	92.9	93.4	93.4	93.8	93.8	93.8	93.8
GE 400	70.4	78.7	82.3	85.2	88.2	89.1	91.0	92.7	93.0	93.3	93.9	93.9	94.3	94.5	94.5	94.5
GE 300	70.4	78.7	82.3	85.2	88.4	89.5	91.7	93.5	94.1	94.5	95.1	95.1	95.5	95.8	95.8	95.9
GE 200	70.4	78.7	82.5	85.5	88.9	90.0	92.7	94.9	95.6	96.0	96.7	96.7	97.1	97.4	97.5	97.6
GE 100	70.4	78.7	82.5	85.5	88.9	90.0	92.7	95.2	95.9	96.7	97.5	97.6	98.6	99.2	99.6	100.0
GE 000	70.4	78.7	82.5	85.5	88.9	90.0	92.7	95.2	95.9	96.7	97.5	97.6	98.6	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.4	40.8	41.7	42.4	42.5	42.8	42.9	43.0	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.2
GE 20000	44.9	47.8	49.2	50.0	50.4	50.8	50.9	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	45.2	48.1	49.5	50.2	50.6	51.0	51.1	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000	45.2	48.1	49.5	50.2	50.6	51.0	51.1	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4
GE 14000	45.5	48.4	49.8	50.5	51.1	51.4	51.5	51.6	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8
GE 12000	46.7	49.6	51.0	51.7	52.3	52.6	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000	50.9	54.1	55.8	56.8	57.3	57.6	57.7	57.8	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1
GE 9000	51.9	55.2	56.9	57.8	58.4	58.7	58.8	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1
GE 8000	57.1	61.0	62.9	64.0	64.5	65.1	65.2	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	59.5	63.7	65.7	67.0	67.5	68.1	68.2	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6
GE 6000	59.7	64.0	66.0	67.4	68.0	68.5	68.6	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	61.0	66.0	68.2	69.7	70.2	70.8	70.9	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4
GE 4500	61.8	67.0	69.5	71.0	71.5	72.0	72.2	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7
GE 4000	66.1	71.5	74.3	75.9	76.5	77.1	77.3	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	67.3	72.7	75.5	77.1	77.6	78.3	78.5	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	68.4	73.9	76.8	78.8	79.8	80.4	80.8	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	68.9	74.8	77.7	79.8	80.9	81.5	82.0	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 2000	69.6	75.5	78.4	80.6	81.8	82.5	83.1	83.5	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9
GE 1800	69.7	75.6	78.5	80.8	81.9	82.6	83.2	83.7	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0
GE 1500	70.0	76.0	79.0	81.5	82.8	83.7	84.5	84.9	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	70.4	76.6	79.6	82.0	83.4	84.4	85.3	85.9	85.9	86.0	86.2	86.2	86.6	86.6	86.6	86.6
GE 1000	71.0	77.1	80.3	83.2	84.7	85.8	86.9	87.5	87.5	87.6	87.8	87.8	88.2	88.2	88.3	88.3
GE 900	71.0	77.4	80.9	83.8	85.3	86.5	87.5	88.2	88.2	88.3	88.5	88.5	88.8	88.8	88.9	88.9
GE 800	71.3	77.7	81.3	84.3	86.1	87.4	88.6	89.4	89.4	89.5	89.8	89.8	90.1	90.1	90.2	90.2
GE 700	71.4	78.0	81.5	84.6	86.5	87.7	88.9	89.7	89.8	89.9	90.2	90.2	90.5	90.5	90.6	90.6
GE 600	71.4	78.0	81.5	84.7	86.7	88.1	89.2	90.0	90.1	90.3	90.8	90.8	91.1	91.1	91.2	91.2
GE 500	71.4	78.0	81.5	84.9	87.2	89.1	90.8	91.8	91.9	92.3	92.8	92.8	93.2	93.2	93.3	93.3
GE 400	71.4	78.1	81.9	85.6	88.1	90.0	91.6	92.8	92.9	93.2	94.1	94.1	94.6	94.9	95.1	95.1
GE 300	71.4	78.1	82.0	85.8	88.4	90.4	92.2	93.5	93.9	94.3	95.3	95.3	95.9	96.7	96.9	96.9
GE 200	71.4	78.1	82.0	85.8	88.5	90.5	92.3	94.5	94.8	95.7	96.8	96.8	97.5	98.3	98.6	98.7
GE 100	71.4	78.1	82.0	85.8	88.5	90.5	92.3	94.5	94.8	95.7	96.9	96.9	98.2	98.9	99.4	99.8
GE 000	71.4	78.1	82.0	85.8	88.5	90.5	92.3	94.5	94.8	95.7	96.9	96.9	98.2	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.6	44.1	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	50.8	52.5	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 18000	51.2	52.9	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 16000	51.4	53.1	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 14000	51.7	53.4	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	52.4	54.1	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 10000	56.8	58.6	59.2	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 9000	57.3	59.1	59.8	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 8000	59.1	62.0	63.0	63.3	63.7	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 7000	61.4	64.8	65.8	66.1	66.6	66.6	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 6000	62.3	65.9	66.9	67.2	67.6	67.6	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 5000	64.1	68.4	69.4	69.7	70.2	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 4500	65.2	69.5	70.6	71.1	71.6	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	68.4	73.3	74.7	75.3	75.9	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 3500	71.3	76.8	78.3	78.9	79.6	79.7	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	72.0	77.6	79.4	80.2	81.2	81.4	81.7	81.9	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	72.6	78.4	80.1	81.1	82.3	82.5	82.8	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	73.0	79.0	80.8	81.7	83.1	83.3	83.7	83.9	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.3
GE 1800	73.0	79.0	80.8	81.7	83.1	83.3	83.7	83.9	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.3
GE 1500	73.3	79.9	81.7	83.0	84.6	84.9	85.3	85.5	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9
GE 1200	74.2	80.8	82.7	84.0	85.7	86.2	86.7	86.9	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.4
GE 1000	74.5	81.5	83.5	85.2	87.0	87.6	88.1	88.4	88.5	88.8	88.8	88.8	89.1	89.1	89.1	89.1
GE 900	74.8	81.9	84.3	85.9	87.8	88.6	89.0	89.4	89.5	89.8	89.8	89.8	90.1	90.1	90.1	90.1
GE 800	75.1	82.2	84.6	86.6	88.6	89.4	89.9	90.2	90.3	90.6	90.8	90.8	91.1	91.1	91.1	91.1
GE 700	75.2	82.4	84.9	87.0	89.4	90.2	90.8	91.1	91.2	91.5	91.6	91.6	91.9	91.9	91.9	91.9
GE 600	75.2	82.4	84.9	87.0	89.6	90.4	91.1	91.4	91.5	91.8	91.9	91.9	92.3	92.3	92.3	92.3
GE 500	75.2	82.5	85.4	87.6	90.6	91.8	92.9	93.4	93.5	94.3	94.5	94.5	94.9	95.2	95.2	95.2
GE 400	75.2	82.5	85.6	88.0	91.0	92.2	93.3	94.1	94.2	95.1	95.3	95.3	95.7	95.9	95.9	95.9
GE 300	75.2	82.5	85.6	88.0	91.0	92.2	93.5	94.6	94.8	95.9	96.2	96.2	96.7	97.0	97.3	97.5
GE 200	75.2	82.5	85.6	88.0	91.0	92.2	93.5	94.8	95.1	96.1	96.9	96.9	97.7	98.2	98.7	98.9
GE 100	75.2	82.5	85.6	88.0	91.0	92.2	93.5	94.8	95.1	96.1	97.0	97.0	97.8	98.3	98.9	99.8
GE 000	75.2	82.5	85.6	88.0	91.0	92.2	93.5	94.8	95.1	96.1	97.0	97.0	97.8	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 20000	54.6	55.9	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	55.1	56.3	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 16000	55.2	56.5	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 14000	56.1	57.4	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 12000	57.4	58.7	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000	61.6	63.1	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	62.0	63.5	64.1	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	63.9	66.0	66.8	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 7000	65.7	68.2	69.0	69.8	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	67.0	69.5	70.3	71.1	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	68.3	71.3	72.2	73.0	73.4	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	68.8	72.0	73.0	73.9	74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	71.0	74.4	76.0	76.9	77.5	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	73.7	77.6	79.5	80.5	81.2	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	74.7	78.8	80.8	81.8	82.5	82.5	82.8	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 2500	75.3	79.7	81.8	83.0	83.8	83.9	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7	84.7
GE 2000	75.5	80.1	82.8	84.0	84.8	84.9	85.3	85.6	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9
GE 1800	75.5	80.1	82.8	84.0	84.8	84.9	85.3	85.6	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9
GE 1500	75.9	80.6	83.8	85.1	85.9	86.1	86.6	86.9	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2
GE 1200	76.2	81.2	84.7	86.0	87.1	87.3	87.8	88.2	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.6
GE 1000	76.5	81.7	85.5	86.8	88.0	88.2	88.8	89.1	89.1	89.6	90.0	90.0	90.1	90.1	90.1	90.1
GE 900	76.7	82.0	85.8	87.3	88.5	88.7	89.4	89.7	89.7	90.1	90.5	90.5	90.6	90.6	90.6	90.6
GE 800	76.8	82.3	86.2	88.0	89.2	89.5	90.1	90.4	90.4	90.9	91.3	91.3	91.4	91.4	91.4	91.4
GE 700	76.8	82.3	86.3	88.2	89.8	90.0	90.8	91.3	91.3	91.7	92.2	92.2	92.4	92.5	92.5	92.5
GE 600	76.8	82.4	86.5	88.3	89.9	90.1	90.9	91.5	91.5	91.9	92.4	92.4	92.7	92.8	92.8	92.8
GE 500	77.2	83.0	87.3	89.8	91.5	92.0	92.8	93.4	93.4	94.1	94.7	94.7	95.1	95.2	95.2	95.2
GE 400	77.2	83.0	87.4	90.0	91.9	92.6	93.4	94.3	94.3	94.9	95.6	95.6	95.9	96.0	96.0	96.0
GE 300	77.2	83.1	87.5	90.2	92.2	93.0	94.0	95.4	95.5	96.1	96.8	96.8	97.1	97.2	97.2	97.2
GE 200	77.2	83.1	87.5	90.2	92.2	93.0	94.0	95.5	95.9	96.7	97.5	97.6	98.0	98.2	98.4	98.4
GE 100	77.2	83.1	87.5	90.2	92.2	93.0	94.0	95.5	95.9	96.7	97.7	98.0	98.4	98.6	99.1	100.0
GE 000	77.2	83.1	87.5	90.2	92.2	93.0	94.0	95.5	95.9	96.7	97.7	98.0	98.4	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	49.5	50.2	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	56.0	56.6	57.3	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	56.1	56.7	57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	56.1	56.7	57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	57.2	57.8	58.5	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 12000	59.6	60.1	60.9	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 10000	63.7	64.2	65.3	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	64.0	64.5	65.6	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000	66.7	67.6	68.8	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	68.3	69.3	70.5	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000	69.3	70.4	71.6	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	70.7	72.4	73.6	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	70.9	72.6	74.0	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	73.4	75.4	77.3	78.7	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3500	74.6	77.0	79.1	80.5	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	75.9	78.6	80.6	82.2	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	76.2	79.0	81.5	83.2	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	76.4	79.5	82.2	84.2	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	76.7	80.0	82.7	84.6	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1500	76.9	80.3	83.0	85.0	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	76.9	80.4	83.2	85.7	86.6	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000	77.0	80.6	83.5	86.2	87.3	87.4	87.6	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.3	88.3
GE 900	77.2	80.7	83.8	86.6	87.7	87.9	88.1	88.4	88.4	88.5	88.7	88.7	88.7	88.7	88.8	88.8
GE 800	77.2	80.9	84.1	87.2	88.3	88.5	88.7	88.9	88.9	89.0	89.2	89.2	89.2	89.2	89.3	89.3
GE 700	77.2	81.1	84.4	87.5	88.8	89.0	89.3	89.5	89.5	89.7	89.9	89.9	89.9	89.9	90.0	90.0
GE 600	77.3	81.3	84.5	87.8	89.2	89.4	89.8	90.0	90.0	90.1	90.4	90.4	90.4	90.4	90.5	90.5
GE 500	77.3	81.6	84.9	88.5	90.3	90.6	91.1	91.4	91.4	91.7	92.1	92.1	92.1	92.1	92.2	92.2
GE 400	77.3	81.9	85.2	89.0	91.3	91.8	92.7	93.4	93.4	93.8	94.3	94.3	94.3	94.3	94.4	94.4
GE 300	77.3	81.9	85.5	89.7	91.9	92.6	93.8	94.7	94.9	95.3	96.3	96.3	96.3	96.3	96.4	96.4
GE 200	77.3	81.9	85.6	89.8	92.1	92.8	94.1	95.2	95.7	96.0	97.1	97.1	97.2	97.2	97.3	97.3
GE 100	77.3	81.9	85.6	89.8	92.1	92.8	94.3	95.5	96.1	96.7	97.8	97.8	98.2	98.6	98.8	99.5
GE 000	77.3	81.9	85.6	89.8	92.1	92.8	94.3	95.5	96.1	96.7	97.8	97.8	98.2	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.6	47.5	48.6	49.2	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	54.5	55.6	56.7	57.3	57.8	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	54.6	55.7	56.8	57.4	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	54.6	55.7	56.8	57.4	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	54.7	55.8	56.9	57.5	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	57.2	58.3	59.4	60.0	60.5	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	61.6	62.8	64.1	64.7	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 9000	62.2	63.3	64.6	65.3	65.8	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 8000	64.5	66.0	67.4	68.1	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 7000	65.9	67.4	68.8	69.5	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	66.7	68.2	69.6	70.4	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 5000	69.0	70.9	72.3	73.3	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4500	70.0	71.9	73.3	74.4	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	72.3	74.5	76.5	77.5	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	74.9	77.8	80.2	81.3	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3000	75.7	78.9	81.3	82.4	83.5	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2500	76.2	79.6	81.9	83.0	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	76.6	80.3	82.7	83.8	85.1	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	76.6	80.4	82.8	83.9	85.2	85.3	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	76.8	80.6	83.0	84.3	85.7	85.8	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	77.0	81.0	83.4	84.9	86.3	86.6	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	77.1	81.5	84.0	85.6	87.0	87.2	87.5	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 900	77.1	81.7	84.4	86.2	87.7	88.0	88.3	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.7
GE 800	77.1	81.7	84.4	86.2	87.7	88.2	88.5	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9
GE 700	77.1	81.8	84.6	86.5	88.0	88.4	88.7	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.2
GE 600	77.1	82.0	84.9	86.8	88.3	88.7	89.0	89.0	89.2	89.4	89.6	89.6	89.6	89.6	89.7	89.7
GE 500	77.1	82.2	85.1	87.0	88.6	89.7	90.0	90.2	90.5	90.8	91.1	91.1	91.1	91.1	91.2	91.2
GE 400	77.3	82.6	85.5	87.5	89.7	91.0	91.3	92.0	92.4	92.6	92.9	93.0	93.1	93.1	93.2	93.2
GE 300	77.3	82.6	85.6	87.8	90.5	91.8	92.6	93.8	94.3	94.8	95.6	95.9	96.0	96.0	96.2	96.2
GE 200	77.3	82.6	85.7	88.0	91.1	92.7	93.5	94.7	95.3	95.9	96.7	97.0	97.2	97.3	97.5	97.5
GE 100	77.3	82.6	85.7	88.0	91.1	92.7	93.7	95.2	95.7	96.5	97.3	97.6	98.1	98.2	98.9	99.4
GE 000	77.3	82.6	85.7	88.0	91.1	92.7	93.7	95.2	95.7	96.5	97.3	97.6	98.1	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.7	45.3	46.3	46.8	47.1	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 20000	51.1	53.0	54.2	54.8	55.2	55.4	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 18000	51.3	53.2	54.4	55.0	55.4	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
GE 16000	51.4	53.3	54.4	55.0	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 14000	51.7	53.6	54.8	55.4	55.8	55.9	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 12000	52.9	54.9	56.0	56.6	57.1	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5
GE 10000	57.3	59.4	60.8	61.6	62.0	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 9000	58.2	60.3	61.7	62.4	62.9	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 8000	61.1	63.8	65.4	66.2	66.8	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	62.9	65.8	67.4	68.3	68.9	69.1	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
GE 6000	63.5	66.5	68.2	69.1	69.7	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	65.1	68.5	70.2	71.3	72.0	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	66.0	69.4	71.3	72.4	73.1	73.3	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	68.9	72.9	75.1	76.3	77.0	77.2	77.5	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	70.8	75.2	77.5	78.7	79.6	79.8	80.1	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	72.2	76.8	79.2	80.6	81.8	82.0	82.3	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	72.8	77.6	80.2	81.7	82.9	83.1	83.5	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	73.2	78.2	80.9	82.5	83.8	84.1	84.5	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
GE 1800	73.3	78.4	81.1	82.7	84.0	84.3	84.7	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 1500	73.6	78.8	81.6	83.3	84.8	85.1	85.6	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	74.0	79.4	82.3	84.1	85.6	86.1	86.6	87.0	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4
GE 1000	74.2	79.8	82.9	84.8	86.5	86.9	87.6	88.0	88.1	88.3	88.5	88.5	88.6	88.6	88.6	88.6
GE 900	74.4	80.1	83.3	85.3	87.0	87.5	88.2	88.7	88.7	88.9	89.1	89.1	89.2	89.2	89.3	89.3
GE 800	74.6	80.4	83.6	85.9	87.7	88.3	89.0	89.5	89.6	89.7	90.0	90.0	90.1	90.1	90.1	90.1
GE 700	74.7	80.5	83.9	86.2	88.1	88.7	89.5	90.1	90.2	90.3	90.6	90.6	90.7	90.8	90.8	90.8
GE 600	74.7	80.6	84.0	86.4	88.4	89.1	89.9	90.5	90.6	90.8	91.1	91.1	91.3	91.3	91.4	91.4
GE 500	74.7	80.8	84.3	87.0	89.3	90.3	91.4	92.2	92.3	92.7	93.1	93.1	93.3	93.4	93.4	93.4
GE 400	74.8	80.9	84.5	87.3	89.8	90.9	92.1	93.3	93.4	93.8	94.3	94.3	94.6	94.7	94.8	94.8
GE 300	74.8	81.0	84.6	87.5	90.2	91.4	92.9	94.3	94.6	95.2	95.9	95.9	96.2	96.5	96.6	96.6
GE 200	74.8	81.0	84.7	87.6	90.5	91.7	93.4	95.1	95.5	96.2	97.0	97.1	97.6	97.9	98.1	98.1
GE 100	74.8	81.0	84.7	87.6	90.5	91.7	93.5	95.3	95.7	96.6	97.5	97.6	98.3	98.7	99.2	99.8
GE 000	74.8	81.0	84.7	87.6	90.5	91.7	93.5	95.3	95.7	96.6	97.5	97.6	98.3	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7436

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724068

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.2	49.1	49.8	50.1	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000	53.0	55.0	55.7	56.0	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	53.0	55.0	55.7	56.0	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 16000	53.0	55.0	55.7	56.0	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000	53.0	55.0	55.7	56.0	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 12000	54.3	56.4	57.1	57.4	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 10000	57.3	59.6	60.4	60.8	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 9000	58.0	60.3	61.1	61.5	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 8000	61.1	63.7	64.8	65.5	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	63.2	65.8	67.1	67.8	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 6000	63.5	66.1	67.4	68.2	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 5000	64.8	67.5	68.8	69.6	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4500	65.7	68.4	69.7	70.6	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4000	68.3	71.3	73.2	74.0	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	69.1	72.3	74.6	75.5	76.6	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	70.9	74.2	76.8	78.0	79.2	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	71.2	74.9	77.8	79.3	80.7	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2000	72.0	76.2	79.6	81.2	83.1	83.5	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1800	72.2	76.6	80.0	81.7	83.6	83.9	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1500	72.7	77.2	80.9	82.5	84.4	84.8	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 1200	73.2	77.9	81.7	83.5	85.5	85.8	86.3	86.6	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	73.9	78.7	82.6	84.4	86.8	87.4	88.1	88.4	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.1
GE 900	73.9	78.7	82.6	84.4	86.8	87.4	88.1	88.4	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.1
GE 800	74.0	78.8	82.7	84.5	86.9	87.5	88.3	88.7	88.8	89.1	89.4	89.4	89.4	89.4	89.4	89.5
GE 700	74.0	79.1	83.0	84.8	87.1	87.8	88.7	89.2	89.4	90.0	90.2	90.2	90.2	90.2	90.2	90.3
GE 600	74.0	79.1	83.0	84.8	87.1	87.8	88.8	89.4	89.5	90.2	90.4	90.4	90.4	90.4	90.4	90.5
GE 500	74.0	79.1	83.0	84.9	87.7	88.7	90.0	90.9	91.0	91.7	92.2	92.2	92.4	92.4	92.4	92.6
GE 400	74.0	79.1	83.1	85.0	88.2	89.2	90.9	92.0	92.1	92.8	93.3	93.3	93.5	93.5	93.5	93.6
GE 300	74.0	79.1	83.1	85.0	88.4	89.7	91.5	92.9	93.4	94.7	95.3	95.3	95.6	95.6	95.7	95.9
GE 200	74.0	79.1	83.1	85.0	88.7	90.3	92.1	93.6	94.3	96.0	96.8	96.8	97.2	97.3	97.6	97.8
GE 100	74.0	79.1	83.1	85.0	88.7	90.3	92.2	94.0	94.7	96.3	97.2	97.2	97.6	97.9	98.6	100.0
GE 000	74.0	79.1	83.1	85.0	88.7	90.3	92.2	94.0	94.7	96.3	97.2	97.2	97.6	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.2	46.3	48.1	48.5	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.9	49.1	49.1
GE 20000	51.3	52.6	54.4	54.7	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.3	55.3
GE 18000	51.3	52.6	54.4	54.7	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.6	55.6
GE 16000	51.3	52.6	54.4	54.7	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.6	55.6
GE 14000	51.3	52.6	54.4	54.7	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.6	55.6
GE 12000	52.5	54.0	55.8	56.1	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.2	57.2
GE 10000	56.0	57.7	59.5	59.8	60.5	60.5	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.9	61.0	61.0
GE 9000	56.7	58.4	60.2	60.5	61.2	61.2	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.7	61.7
GE 8000	60.9	62.9	64.7	65.0	66.0	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.5	66.5
GE 7000	62.6	64.8	66.5	66.9	67.8	67.8	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.4	68.4
GE 6000	63.2	65.4	67.1	67.5	68.4	68.6	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.3	69.3
GE 5000	64.7	66.9	68.8	69.3	70.2	70.4	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.2	71.3	71.3
GE 4500	65.6	68.1	70.2	70.7	71.6	71.9	72.1	72.3	72.5	72.5	72.5	72.5	72.5	72.6	72.7	72.7
GE 4000	67.4	70.2	72.7	73.2	74.5	74.9	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.7	75.8	75.8
GE 3500	68.4	71.3	73.8	74.2	75.8	76.2	76.5	76.8	77.0	77.0	77.0	77.0	77.0	77.1	77.2	77.2
GE 3000	69.7	72.9	75.8	76.2	77.9	78.4	78.6	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.6	79.6
GE 2500	70.1	73.3	76.4	77.1	79.2	79.8	80.0	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.1	81.1
GE 2000	70.8	74.0	77.2	78.0	80.4	81.1	81.3	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.4	82.4
GE 1800	71.2	74.3	77.5	78.4	80.7	81.4	81.7	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.7	82.7
GE 1500	71.7	74.9	78.1	79.0	81.6	82.3	82.5	83.2	83.3	83.3	83.3	83.3	83.3	83.5	83.6	83.6
GE 1200	72.5	75.7	79.1	79.9	82.6	83.3	83.6	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.6	84.6
GE 1000	72.6	75.9	79.3	80.3	83.2	83.9	84.4	85.2	85.3	85.5	85.5	85.5	85.5	85.6	85.7	85.7
GE 900	72.8	76.1	79.6	80.5	83.5	84.2	84.8	85.6	85.7	85.8	85.9	85.9	85.9	86.1	86.2	86.2
GE 800	72.9	76.4	79.8	80.7	84.2	84.9	85.7	86.6	86.8	86.9	87.2	87.2	87.2	87.4	87.5	87.5
GE 700	73.2	77.0	80.5	81.6	85.1	85.8	87.0	87.9	88.1	88.4	88.9	88.9	88.9	89.0	89.1	89.1
GE 600	73.4	77.2	80.7	81.8	85.3	86.2	87.4	88.3	88.4	88.8	89.2	89.2	89.2	89.4	89.5	89.5
GE 500	73.5	77.4	81.0	82.2	86.5	87.6	89.1	90.3	90.5	91.0	91.5	91.6	91.6	91.7	91.8	92.0
GE 400	73.6	77.5	81.1	82.4	87.2	88.4	90.2	91.5	91.7	92.3	93.0	93.1	93.3	93.4	93.5	93.6
GE 300	73.6	77.8	81.3	82.6	87.6	88.8	90.9	92.6	93.1	93.7	94.7	94.8	94.9	95.0	95.3	95.4
GE 200	73.6	77.8	81.4	82.7	87.9	89.1	91.4	93.3	94.2	95.0	96.0	96.1	96.9	97.0	97.4	97.5
GE 100	73.6	77.8	81.6	82.9	88.3	89.5	91.7	93.6	94.6	95.4	96.7	96.9	98.0	98.2	98.7	99.8
GE 000	73.6	77.8	81.6	82.9	88.3	89.5	91.7	93.6	94.6	95.4	96.7	96.9	98.0	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.0	43.0	44.4	45.4	46.3	46.6	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	47.2
GE 20000	46.1	50.1	51.8	53.2	54.3	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	55.1
GE 18000	46.1	50.1	51.8	53.2	54.3	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	55.1
GE 16000	46.1	50.1	51.8	53.2	54.3	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	55.1
GE 14000	46.1	50.1	51.8	53.2	54.3	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	55.1
GE 12000	46.3	50.4	52.0	53.4	54.6	54.8	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.4
GE 10000	49.9	54.5	56.4	58.0	59.2	59.5	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.2
GE 9000	50.6	55.2	57.3	59.0	60.2	60.4	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	61.1
GE 8000	54.4	59.1	61.2	63.0	64.2	64.4	64.7	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.2
GE 7000	55.7	60.6	62.8	64.7	66.1	66.3	66.5	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.3
GE 6000	56.6	61.9	64.2	66.2	67.7	68.0	68.2	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.9
GE 5000	57.8	63.1	65.4	67.4	68.9	69.1	69.5	69.7	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.3
GE 4500	58.5	63.9	66.2	68.2	69.9	70.1	70.4	70.7	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.3
GE 4000	61.2	67.0	69.6	71.6	73.3	73.5	74.0	74.3	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.9
GE 3500	61.9	67.8	70.8	72.8	74.5	74.8	75.5	75.9	75.9	76.1	76.4	76.4	76.5	76.5	76.5	76.7
GE 3000	62.5	68.7	72.0	74.0	75.8	76.1	76.8	77.3	77.3	77.8	78.0	78.0	78.1	78.1	78.1	78.4
GE 2500	63.0	69.1	72.5	74.5	76.2	76.6	77.3	77.8	77.8	78.3	78.5	78.5	78.6	78.6	78.6	78.8
GE 2000	63.7	69.9	73.4	75.4	77.3	77.9	78.7	79.2	79.2	79.7	79.9	79.9	80.0	80.0	80.0	80.3
GE 1800	63.8	70.0	73.5	75.5	77.4	78.0	78.8	79.3	79.3	79.8	80.0	80.0	80.1	80.1	80.1	80.4
GE 1500	64.2	70.4	74.3	76.5	78.4	79.0	79.8	80.3	80.3	80.7	81.0	81.0	81.1	81.1	81.1	81.3
GE 1200	64.4	70.7	74.7	77.0	78.8	79.6	80.4	80.9	80.9	81.4	81.9	81.9	82.0	82.0	82.0	82.3
GE 1000	64.4	70.7	74.9	77.3	79.3	80.0	81.0	81.4	81.4	82.0	82.5	82.5	82.6	82.7	82.9	83.1
GE 900	64.4	70.7	75.1	77.4	79.4	80.1	81.2	81.7	81.7	82.3	82.7	82.7	82.9	83.0	83.1	83.3
GE 800	64.7	71.0	75.4	77.8	80.3	81.1	82.3	82.7	82.7	83.3	83.8	83.8	83.9	84.0	84.2	84.4
GE 700	65.0	71.5	76.1	78.6	81.2	82.3	83.6	84.0	84.0	84.6	85.1	85.1	85.3	85.5	85.6	85.8
GE 600	65.0	71.5	76.2	79.2	82.2	83.2	84.5	85.1	85.1	85.7	86.2	86.2	86.5	86.6	86.9	87.1
GE 500	65.1	71.9	77.0	80.0	83.9	85.0	86.8	87.8	88.1	89.0	89.6	89.6	90.1	90.2	90.4	90.7
GE 400	65.5	72.3	77.4	80.5	84.4	85.5	87.9	89.6	89.8	90.9	91.5	91.5	92.0	92.1	92.3	92.6
GE 300	65.7	72.6	77.7	81.0	84.9	86.4	89.5	91.4	92.1	93.4	94.2	94.2	94.8	94.9	95.2	95.5
GE 200	65.7	72.6	77.7	81.1	85.0	86.6	89.8	91.7	92.7	94.2	95.5	95.5	96.3	96.5	96.9	97.5
GE 100	65.7	72.6	77.7	81.2	85.2	86.9	90.1	92.0	92.9	94.6	96.0	96.0	97.2	97.3	98.0	99.4
GE 000	65.7	72.6	77.7	81.2	85.2	86.9	90.1	92.0	92.9	94.6	96.0	96.0	97.2	97.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.6	43.4	45.2	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 20000	47.3	51.4	53.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	47.4	51.5	53.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 16000	47.4	51.5	53.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 14000	48.5	52.8	54.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 12000	49.1	53.7	55.6	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000	53.5	59.0	60.9	61.8	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 9000	54.1	59.7	61.6	62.5	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 8000	56.6	62.5	64.4	65.5	65.8	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 7000	57.7	63.8	66.0	67.1	67.6	67.6	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 6000	58.7	65.4	67.7	69.0	69.5	69.5	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 5000	59.8	66.4	69.1	70.4	70.9	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	60.6	67.3	70.1	71.5	72.0	72.2	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	63.6	70.6	73.6	75.2	75.8	76.0	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	64.2	71.5	75.1	76.6	77.2	77.4	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3000	65.0	72.7	76.5	78.0	78.6	79.0	80.0	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2500	65.2	72.9	76.8	78.6	79.2	79.6	80.7	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2000	65.6	73.3	77.4	79.2	79.8	80.1	81.3	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1800	65.6	73.3	77.4	79.2	79.8	80.1	81.3	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1500	65.7	74.0	78.4	80.3	81.0	81.3	82.5	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1200	66.0	74.5	79.0	80.9	81.6	81.9	83.2	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1000	66.0	74.8	79.4	81.3	82.4	82.7	84.2	84.9	84.9	85.1	85.1	85.1	85.2	85.5	85.5	85.5
GE 900	66.0	75.2	79.8	81.8	83.0	83.3	84.8	85.5	85.5	85.7	85.7	85.7	85.8	86.1	86.1	86.1
GE 800	66.3	75.8	80.6	83.0	84.4	84.9	86.4	87.2	87.2	87.6	87.6	87.6	87.7	87.9	87.9	87.9
GE 700	66.3	76.0	81.1	83.5	85.1	85.8	87.4	88.2	88.2	88.7	88.8	88.8	88.9	89.1	89.1	89.2
GE 600	66.3	76.0	81.2	83.6	85.3	86.2	87.9	88.9	88.9	89.5	89.6	89.6	89.7	90.0	90.0	90.1
GE 500	66.3	76.1	81.4	84.0	86.4	87.5	89.4	90.7	90.7	91.4	91.5	91.6	91.7	92.0	92.0	92.1
GE 400	66.3	76.2	81.7	84.4	86.8	87.8	89.8	91.5	91.5	92.2	92.3	92.4	92.6	92.8	92.8	92.9
GE 300	66.3	76.2	81.7	84.6	87.0	88.2	90.8	93.0	93.5	94.4	94.7	94.9	95.5	95.7	95.9	96.1
GE 200	66.3	76.2	81.7	84.6	87.1	88.4	91.1	93.5	94.1	95.0	95.6	96.1	96.7	96.9	97.6	98.6
GE 100	66.3	76.2	81.7	84.6	87.1	88.4	91.3	93.6	94.2	95.2	95.9	96.3	96.9	97.3	98.2	99.5
GE 000	66.3	76.2	81.7	84.6	87.1	88.4	91.3	93.6	94.2	95.2	95.9	96.3	96.9	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.5	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 20000	48.7	51.3	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 18000	48.9	51.5	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 16000	49.1	51.7	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 14000	49.3	51.9	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 12000	50.4	53.0	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 10000	54.8	57.9	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 9000	55.9	59.1	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	57.8	61.2	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 7000	59.8	63.7	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 6000	60.8	65.0	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	63.0	67.3	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4500	63.6	67.8	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4000	68.0	72.5	73.3	73.4	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	70.3	75.2	76.1	76.6	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3000	72.2	77.5	78.8	79.3	80.0	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2500	72.7	78.0	79.6	80.1	80.9	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2000	73.4	79.1	80.6	81.2	82.3	82.5	82.7	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 1800	73.5	79.3	81.1	81.8	82.9	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6
GE 1500	73.9	80.3	82.3	83.2	84.4	84.6	84.9	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1
GE 1200	74.3	81.3	83.6	84.8	85.9	86.2	86.4	86.5	86.6	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 1000	75.3	82.3	84.6	86.2	87.6	87.8	88.2	88.3	88.4	88.7	88.8	88.8	89.0	89.0	89.0	89.0
GE 900	75.5	82.6	85.1	86.6	88.1	88.3	88.8	88.9	89.0	89.2	89.4	89.4	89.6	89.6	89.6	89.6
GE 800	75.8	83.1	85.8	87.7	89.1	89.5	90.1	90.3	90.4	90.7	90.8	90.8	91.0	91.0	91.0	91.0
GE 700	76.1	83.5	86.4	88.4	90.0	90.5	91.3	91.5	91.7	92.0	92.1	92.1	92.3	92.3	92.3	92.3
GE 600	76.1	83.5	86.4	88.4	90.0	90.5	91.4	91.6	91.8	92.2	92.3	92.3	92.6	92.6	92.6	92.6
GE 500	76.1	83.5	86.8	88.9	91.4	92.2	93.4	93.6	93.9	94.3	94.7	94.8	95.2	95.2	95.2	95.2
GE 400	76.1	83.5	86.8	89.0	91.6	92.8	94.3	95.2	95.4	95.9	96.2	96.3	96.7	96.7	96.7	96.7
GE 300	76.1	83.5	86.8	89.0	91.6	92.9	94.6	96.0	96.3	96.8	97.2	97.3	97.9	97.9	97.9	98.2
GE 200	76.1	83.5	86.8	89.0	91.7	93.1	94.8	96.2	96.7	97.2	97.5	97.6	98.6	98.6	98.9	99.3
GE 100	76.1	83.5	86.8	89.0	91.7	93.1	94.8	96.2	96.7	97.2	97.5	97.6	98.8	98.9	99.5	99.9
GE 000	76.1	83.5	86.8	89.0	91.7	93.1	94.8	96.2	96.7	97.2	97.5	97.6	98.8	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.2	41.1	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 20000	50.2	51.5	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 18000	50.5	51.8	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000	50.6	51.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 14000	51.1	52.4	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	52.4	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 10000	56.3	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	56.5	58.2	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 8000	60.5	62.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	62.3	64.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	63.4	65.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 5000	64.4	67.0	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	65.4	68.0	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4000	69.5	72.8	74.3	74.8	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3500	71.5	75.4	77.0	77.5	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3000	73.3	77.8	79.3	79.9	80.3	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2500	74.3	79.0	80.6	81.3	81.7	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	75.4	80.4	82.0	82.9	83.6	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1800	75.4	80.4	82.0	83.1	83.8	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	76.4	81.6	83.3	84.8	85.8	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	76.7	83.1	85.3	86.9	88.1	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	77.1	83.6	86.1	87.7	89.0	90.0	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	77.7	84.2	86.8	88.5	90.0	90.9	91.6	91.7	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	77.7	84.2	86.8	88.5	90.1	91.3	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	77.7	84.2	87.2	89.1	90.8	92.1	92.8	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	77.7	84.3	87.4	89.2	91.0	92.3	93.0	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	77.7	84.3	87.5	89.5	91.7	93.3	94.1	94.4	94.4	94.7	95.0	95.0	95.4	95.5	95.5	95.5
GE 400	77.7	84.3	87.5	89.5	91.7	93.3	94.1	94.9	94.9	95.2	95.9	95.9	96.2	96.3	96.3	96.3
GE 300	77.7	84.3	87.6	89.6	91.8	93.6	94.7	96.0	96.1	96.5	97.2	97.2	97.6	97.8	97.8	98.0
GE 200	77.7	84.3	87.6	89.6	91.8	93.6	94.8	96.1	96.6	96.9	97.8	97.8	98.6	98.8	99.1	99.4
GE 100	77.7	84.3	87.6	89.6	91.8	93.6	94.8	96.1	96.6	96.9	97.8	97.8	98.6	98.8	99.3	99.8
GE 000	77.7	84.3	87.6	89.6	91.8	93.6	94.8	96.1	96.6	96.9	97.8	97.8	98.6	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	45.7	46.7	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	52.7	54.1	55.1	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 18000	52.8	54.3	55.2	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 16000	52.8	54.3	55.2	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 14000	53.1	54.5	55.6	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 12000	54.5	55.9	57.0	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 10000	57.7	59.2	60.4	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	58.3	59.9	61.3	62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 8000	61.7	63.9	66.1	66.9	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 7000	63.0	65.2	67.4	68.3	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 6000	63.2	65.5	67.7	68.7	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 5000	65.1	67.4	70.0	71.0	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	65.7	68.0	70.7	71.7	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	69.6	72.1	74.9	76.1	76.6	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	71.0	73.6	76.6	78.1	78.6	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	72.2	75.7	78.7	80.5	81.0	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	73.3	76.7	79.8	81.7	82.3	82.5	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	74.2	78.0	81.2	83.5	84.0	84.3	84.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1800	74.5	78.4	81.7	84.0	84.8	85.0	85.3	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	74.9	79.0	82.7	85.5	86.2	86.5	86.9	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200	75.4	79.9	83.9	86.6	87.7	88.2	88.5	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1000	75.8	80.5	84.5	87.4	88.7	89.1	89.6	90.0	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 900	76.1	80.9	84.9	87.7	89.0	89.6	90.1	90.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	76.1	80.9	85.2	88.1	89.8	90.4	90.9	91.7	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	76.1	81.0	85.3	88.2	90.2	90.8	91.3	92.1	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	76.1	81.1	85.5	88.5	90.5	91.1	91.6	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	76.1	81.2	85.6	88.8	90.8	91.6	92.3	93.9	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.9
GE 400	76.1	81.2	85.6	88.8	91.0	91.8	92.6	94.2	94.6	95.6	95.9	95.9	96.0	96.0	96.0	96.1
GE 300	76.1	81.2	85.6	88.8	91.0	92.1	93.0	94.8	95.4	96.7	96.9	96.9	97.3	97.3	97.3	97.5
GE 200	76.1	81.2	85.6	88.8	91.1	92.2	93.1	94.9	95.5	97.2	97.9	97.9	98.2	98.2	98.2	98.7
GE 100	76.1	81.2	85.6	88.8	91.1	92.2	93.1	95.0	95.6	97.3	98.0	98.0	98.5	98.5	99.1	100.0
GE 000	76.1	81.2	85.6	88.8	91.1	92.2	93.1	95.0	95.6	97.3	98.0	98.0	98.5	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.5	51.2	51.9	52.5	52.7	52.7	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.3	53.3
GE 20000	56.0	57.7	58.4	59.0	59.2	59.2	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.9	59.9
GE 18000	56.0	57.7	58.4	59.0	59.2	59.2	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.9	59.9
GE 16000	56.0	57.7	58.4	59.0	59.2	59.2	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.9	59.9
GE 14000	56.5	58.2	58.9	59.5	59.7	59.7	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.4	60.4
GE 12000	57.0	58.6	59.3	59.9	60.3	60.3	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	61.0	61.0
GE 10000	59.5	61.2	61.9	62.5	62.9	62.9	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.7	63.7
GE 9000	59.9	61.7	62.4	63.1	63.5	63.5	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.3	64.3
GE 8000	63.4	65.7	66.9	67.6	68.1	68.2	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.1	69.1
GE 7000	64.5	66.9	68.1	68.8	69.4	69.5	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.4	70.4
GE 6000	64.7	67.0	68.2	68.9	69.5	69.6	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.6	70.6
GE 5000	65.5	68.0	69.4	70.2	70.8	70.9	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.9	71.9
GE 4500	66.1	68.8	70.2	71.0	71.6	71.7	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.8	72.8
GE 4000	68.6	72.0	73.5	74.3	74.9	75.2	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.4	76.4
GE 3500	69.5	73.3	74.9	76.1	76.7	77.0	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	78.1	78.1
GE 3000	70.9	75.1	77.1	78.5	79.2	79.4	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.6	80.6
GE 2500	71.9	76.4	78.4	80.3	81.1	81.3	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.5	82.5
GE 2000	73.0	77.7	79.7	81.6	82.6	82.9	83.6	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.4	84.4
GE 1800	73.3	78.1	80.1	82.0	83.1	83.3	84.0	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.9	84.9
GE 1500	74.2	79.1	81.2	83.2	84.6	85.1	85.8	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.6	86.6
GE 1200	75.2	80.3	82.7	84.9	86.6	87.1	87.9	88.3	88.3	88.8	88.8	88.8	88.8	88.8	89.0	89.0
GE 1000	75.3	80.5	83.5	85.7	87.7	88.2	89.0	89.5	89.5	90.2	90.2	90.2	90.2	90.2	90.4	90.4
GE 900	75.3	80.5	83.5	85.7	87.7	88.3	89.1	89.6	89.6	90.3	90.3	90.3	90.3	90.3	90.5	90.5
GE 800	75.3	80.6	83.6	85.8	87.9	88.7	89.6	90.3	90.3	91.0	91.0	91.0	91.0	91.1	91.4	91.4
GE 700	75.3	80.7	83.7	86.4	88.5	89.2	90.4	91.3	91.3	92.0	92.1	92.1	92.1	92.2	92.4	92.4
GE 600	75.3	81.0	84.0	86.8	88.9	89.7	91.0	91.8	91.8	92.6	92.7	92.7	92.7	92.8	93.0	93.0
GE 500	75.3	81.1	84.2	86.9	89.1	90.0	91.4	92.3	92.4	93.1	93.3	93.3	93.5	93.7	94.0	94.0
GE 400	75.3	81.4	84.6	87.5	89.7	90.5	92.1	93.3	93.4	94.1	94.2	94.2	94.6	94.8	95.0	95.0
GE 300	75.3	81.4	84.6	87.5	89.8	90.7	92.2	93.7	93.9	94.6	94.9	94.9	95.5	95.7	96.0	96.0
GE 200	75.3	81.4	84.6	87.5	90.4	91.3	92.9	94.4	94.9	96.1	96.7	96.8	98.1	98.3	98.6	98.6
GE 100	75.3	81.4	84.6	87.5	90.4	91.3	93.0	94.6	95.0	96.2	96.8	96.9	98.3	98.7	99.1	100.0
GE 000	75.3	81.4	84.6	87.5	90.4	91.3	93.0	94.6	95.0	96.2	96.8	96.9	98.3	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.1	45.0	46.0	46.5	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9
GE 20000	50.7	53.0	54.0	54.6	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2
GE 18000	50.8	53.1	54.1	54.7	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3
GE 16000	50.8	53.1	54.2	54.7	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3
GE 14000	51.1	53.4	54.5	55.1	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
GE 12000	52.0	54.4	55.6	56.1	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8
GE 10000	55.6	58.4	59.5	60.1	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 9000	56.3	59.1	60.3	60.9	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7
GE 8000	59.5	62.7	64.1	64.8	65.3	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.8
GE 7000	61.1	64.4	66.0	66.7	67.3	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7
GE 6000	61.8	65.2	66.9	67.6	68.2	68.3	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7
GE 5000	63.1	66.7	68.5	69.3	69.9	70.0	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5
GE 4500	63.9	67.5	69.4	70.2	70.8	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.4
GE 4000	67.0	71.1	73.2	74.1	74.9	75.1	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8
GE 3500	68.3	72.6	74.9	75.9	76.8	77.1	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8
GE 3000	69.6	74.3	76.9	78.1	79.0	79.3	79.8	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2
GE 2500	70.2	75.0	77.7	79.1	80.2	80.5	81.0	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.6
GE 2000	71.0	76.1	78.9	80.4	81.6	82.0	82.6	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.2	83.2
GE 1800	71.2	76.3	79.2	80.7	82.0	82.4	83.0	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.6
GE 1500	71.7	77.1	80.2	81.9	83.3	83.7	84.3	84.6	84.6	84.8	84.8	84.8	84.9	84.9	84.9	85.0
GE 1200	72.2	77.9	81.3	83.0	84.6	85.1	85.7	86.1	86.1	86.3	86.4	86.4	86.4	86.5	86.5	86.5
GE 1000	72.5	78.4	81.9	83.8	85.6	86.1	86.9	87.3	87.4	87.7	87.8	87.8	87.9	87.9	88.0	88.0
GE 900	72.7	78.6	82.2	84.1	85.9	86.5	87.3	87.8	87.8	88.2	88.3	88.3	88.4	88.4	88.5	88.5
GE 800	72.8	78.8	82.5	84.5	86.6	87.3	88.2	88.7	88.8	89.2	89.3	89.3	89.4	89.5	89.5	89.6
GE 700	73.0	79.1	82.9	85.1	87.2	88.0	89.0	89.7	89.7	90.2	90.4	90.4	90.5	90.5	90.6	90.6
GE 600	73.0	79.2	83.1	85.3	87.5	88.4	89.5	90.1	90.2	90.7	90.9	90.9	91.0	91.0	91.1	91.2
GE 500	73.0	79.3	83.3	85.6	88.4	89.5	90.8	91.7	91.9	92.5	92.8	92.9	93.1	93.2	93.3	93.4
GE 400	73.1	79.4	83.5	85.9	88.8	89.9	91.5	92.8	92.9	93.6	94.0	94.1	94.3	94.4	94.5	94.6
GE 300	73.1	79.5	83.5	86.0	89.0	90.3	92.1	93.8	94.2	95.1	95.6	95.7	96.1	96.2	96.4	96.6
GE 200	73.1	79.5	83.6	86.0	89.2	90.6	92.5	94.2	94.9	96.0	96.7	96.8	97.6	97.7	98.0	98.4
GE 100	73.1	79.5	83.6	86.1	89.3	90.7	92.6	94.4	95.0	96.1	97.0	97.1	98.0	98.2	98.8	99.8
GE 000	73.1	79.5	83.6	86.1	89.3	90.7	92.6	94.4	95.0	96.1	97.0	97.1	98.0	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.0	52.5	53.2	53.5	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0
GE 20000	56.1	57.7	58.7	59.0	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9
GE 18000	56.1	57.7	58.7	59.0	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9
GE 16000	56.1	57.7	58.7	59.0	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9
GE 14000	56.1	57.7	58.7	59.0	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9
GE 12000	56.5	58.1	59.0	59.4	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.2
GE 10000	60.5	62.2	63.3	63.7	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6
GE 9000	61.8	63.4	64.6	64.9	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9
GE 8000	63.4	65.4	66.6	67.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3
GE 7000	64.3	66.2	67.4	67.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1
GE 6000	64.4	66.3	67.5	68.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2
GE 5000	66.3	68.3	69.5	69.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2
GE 4500	67.6	69.7	70.9	71.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
GE 4000	72.0	74.1	75.3	76.0	77.2	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	78.0
GE 3500	73.5	75.6	76.8	77.5	78.9	79.2	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7
GE 3000	74.8	77.2	78.4	79.6	81.0	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
GE 2500	75.4	78.1	79.2	80.5	81.9	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8
GE 2000	76.3	79.4	80.6	81.9	83.5	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4
GE 1800	76.8	79.8	81.2	82.5	84.1	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9
GE 1500	77.3	80.3	81.7	83.0	84.7	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.7
GE 1200	77.7	81.0	82.5	83.9	85.8	86.2	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 1000	78.3	81.8	83.4	84.9	87.1	87.5	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2
GE 900	78.5	82.0	83.7	85.4	87.6	88.2	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9
GE 800	78.7	82.6	84.4	86.3	88.9	89.6	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4
GE 700	78.9	82.9	85.1	87.3	90.0	90.6	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5
GE 600	78.9	82.9	85.2	87.7	90.4	91.1	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.2
GE 500	78.9	83.3	85.7	88.8	92.0	92.8	93.9	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4
GE 400	79.0	84.0	87.1	90.3	94.2	95.1	96.2	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9
GE 300	79.0	84.0	87.2	91.2	95.4	96.5	97.7	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 200	79.0	84.0	87.4	91.4	95.6	97.0	98.4	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.2	99.4
GE 100	79.0	84.0	87.4	91.4	95.6	97.0	98.4	98.6	98.7	99.5	99.5	99.5	99.5	99.5	99.7	99.9
GE 000	79.0	84.0	87.4	91.4	95.6	97.0	98.4	98.6	98.7	99.5	99.5	99.5	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.2	49.8	51.0	51.5	51.9	51.9	52.3	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.9
GE 20000	52.3	54.1	55.4	55.9	56.5	56.5	56.9	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.5
GE 18000	52.3	54.1	55.4	55.9	56.5	56.5	56.9	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.5
GE 16000	52.3	54.1	55.4	55.9	56.5	56.5	56.9	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.5
GE 14000	52.3	54.1	55.4	55.9	56.5	56.5	56.9	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.5
GE 12000	52.9	54.7	56.0	56.6	57.1	57.1	57.5	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.2
GE 10000	56.9	58.8	60.3	60.9	61.5	61.5	62.3	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.9
GE 9000	58.0	59.9	61.4	61.9	62.6	62.6	63.3	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	64.0
GE 8000	59.6	61.6	63.3	63.9	64.5	64.5	65.3	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.9
GE 7000	60.3	62.4	64.1	64.6	65.3	65.3	66.0	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.7
GE 6000	60.4	62.5	64.2	64.7	65.4	65.4	66.1	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.8
GE 5000	61.5	63.9	66.0	66.6	67.2	67.3	68.1	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.7
GE 4500	63.7	66.3	68.6	69.1	69.8	69.9	70.6	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3
GE 4000	66.0	69.1	71.4	71.9	72.7	72.8	73.5	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.3
GE 3500	67.3	70.6	73.4	74.0	74.7	74.8	75.6	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.3
GE 3000	69.4	73.0	76.0	76.7	77.6	77.7	78.5	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.2
GE 2500	71.1	75.1	78.5	79.2	80.2	80.3	81.1	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8
GE 2000	72.3	76.5	80.3	81.1	82.2	82.3	83.0	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.8
GE 1800	72.5	76.7	80.5	81.3	82.5	82.7	83.4	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.2
GE 1500	73.1	77.5	81.5	82.3	83.5	83.8	84.5	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.3
GE 1200	73.4	78.1	82.3	83.0	84.4	84.6	85.8	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.6
GE 1000	73.7	78.3	82.5	83.2	84.9	85.2	86.6	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 900	74.0	78.6	82.8	83.7	85.6	86.0	87.5	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.4
GE 800	74.2	78.8	83.2	84.2	86.6	87.2	88.7	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.6
GE 700	74.3	79.1	84.3	85.3	87.6	88.3	89.8	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.6
GE 600	74.4	79.2	84.4	85.6	88.1	88.8	90.3	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.2
GE 500	74.4	79.7	85.3	86.6	89.5	90.3	92.3	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.2
GE 400	74.5	80.3	86.7	88.1	91.2	92.0	94.0	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 300	74.5	80.3	86.7	88.4	91.7	92.8	95.2	95.8	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.7
GE 200	74.6	80.4	86.8	88.5	91.9	93.0	95.4	96.6	96.7	97.4	97.5	97.5	97.5	97.5	97.7	98.1
GE 100	74.6	80.4	86.8	88.5	91.9	93.0	95.4	96.7	97.0	98.0	98.6	98.6	98.6	98.7	99.5	99.8
GE 000	74.6	80.4	86.8	88.5	91.9	93.0	95.4	96.7	97.0	98.0	98.6	98.6	98.6	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.4	44.6	45.8	46.9	47.6	47.7	47.8	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.6
GE 20000	45.7	50.4	51.9	53.1	54.0	54.1	54.2	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.9
GE 18000	45.7	50.4	51.9	53.1	54.0	54.1	54.2	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.9
GE 16000	45.7	50.4	51.9	53.1	54.0	54.1	54.2	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.9
GE 14000	45.8	50.5	52.0	53.2	54.1	54.2	54.3	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	55.1
GE 12000	46.3	51.1	52.6	53.8	54.6	54.7	54.8	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.6
GE 10000	49.5	54.8	56.5	57.7	58.6	58.7	58.9	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 9000	50.6	56.1	57.7	59.0	59.9	60.0	60.2	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	61.0
GE 8000	54.3	60.3	61.9	63.2	64.2	64.3	64.5	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.5
GE 7000	55.6	61.8	63.5	64.8	65.8	65.9	66.1	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.1
GE 6000	55.9	62.2	63.9	65.3	66.2	66.3	66.6	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.5
GE 5000	57.1	63.4	65.3	66.8	67.7	67.8	68.1	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	69.0
GE 4500	58.8	65.2	67.4	68.9	69.9	70.0	70.3	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3
GE 4000	60.4	67.4	69.9	71.7	72.9	73.0	73.3	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.3
GE 3500	61.4	68.8	71.7	73.5	74.7	74.8	75.2	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.1
GE 3000	63.5	71.2	74.2	76.0	77.2	77.3	77.6	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.6
GE 2500	65.1	72.8	76.1	78.1	79.4	79.5	79.8	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.8
GE 2000	66.3	74.4	78.2	80.3	81.7	81.8	82.2	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.1
GE 1800	66.6	74.6	78.4	80.5	81.9	82.0	82.4	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.3
GE 1500	67.6	76.1	80.1	82.3	83.8	84.0	84.3	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.4
GE 1200	68.3	76.8	81.2	83.5	85.2	85.4	85.7	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 1000	68.5	77.1	81.8	84.4	86.1	86.3	86.7	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 900	68.6	77.2	82.3	85.1	87.0	87.2	87.5	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.6
GE 800	68.7	77.4	82.7	85.6	87.5	87.8	88.2	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.2
GE 700	68.7	77.5	82.8	85.9	88.0	88.3	88.6	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.9	90.0
GE 600	68.8	78.4	83.8	87.3	89.8	90.1	90.4	91.1	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.2
GE 500	69.0	78.7	84.4	88.1	91.1	91.5	91.9	92.7	92.8	93.8	93.8	93.8	93.8	93.8	93.9	94.0
GE 400	69.0	78.7	84.4	88.2	91.4	91.8	92.3	93.1	93.2	94.2	94.3	94.3	94.3	94.3	94.4	94.5
GE 300	69.0	78.7	84.4	88.3	91.5	92.3	93.1	94.0	94.3	95.4	95.5	95.5	95.5	95.5	95.6	95.8
GE 200	69.0	78.7	84.5	88.4	91.7	92.6	93.5	94.5	94.8	96.0	96.2	96.2	96.5	96.5	96.8	97.2
GE 100	69.0	78.7	84.5	88.4	91.7	92.6	93.5	94.8	95.2	96.6	96.8	96.8	97.2	97.2	98.5	99.4
GE 000	69.0	78.7	84.5	88.4	91.7	92.6	93.5	94.8	95.2	96.6	96.8	96.8	97.2	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	47.6	47.8	47.8	47.9	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 20000	53.7	56.2	56.4	56.4	56.8	56.9	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3
GE 18000	53.8	56.3	56.5	56.5	56.9	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4
GE 16000	53.8	56.3	56.5	56.5	56.9	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4
GE 14000	53.9	56.4	56.7	56.7	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6
GE 12000	54.4	56.8	57.2	57.2	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 10000	56.0	58.9	59.3	59.3	59.7	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2
GE 9000	56.8	60.3	60.7	60.7	61.1	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
GE 8000	60.1	64.2	64.6	64.6	65.0	65.1	65.2	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
GE 7000	61.4	65.7	66.1	66.2	66.6	66.7	66.8	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
GE 6000	61.9	66.2	66.6	67.0	67.4	67.5	67.6	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
GE 5000	63.9	68.6	69.2	69.5	70.0	70.1	70.2	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7
GE 4500	65.2	70.0	70.7	71.2	71.6	71.7	71.8	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3
GE 4000	67.5	72.8	73.6	74.5	74.9	75.0	75.1	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 3500	68.4	73.7	74.7	75.6	76.0	76.1	76.2	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
GE 3000	71.2	77.2	78.5	79.5	80.0	80.2	80.4	80.8	80.8	80.9	80.9	80.9	81.1	81.1	81.1	81.1
GE 2500	71.9	78.4	79.8	81.1	81.8	82.0	82.2	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 2000	72.7	79.5	81.1	82.7	83.7	84.0	84.2	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9
GE 1800	72.7	79.5	81.1	82.8	83.9	84.1	84.3	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0
GE 1500	73.3	80.5	82.0	83.7	85.0	85.4	85.6	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 1200	74.5	82.0	83.7	85.7	87.2	87.5	87.7	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 1000	75.0	82.9	84.7	86.8	88.4	88.7	88.9	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 900	75.3	83.3	85.1	87.3	88.9	89.3	89.6	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 800	75.6	83.5	85.7	87.9	89.7	90.1	90.4	91.2	91.2	91.4	91.6	91.6	91.7	91.7	91.7	91.7
GE 700	75.8	83.7	85.9	88.4	90.4	90.9	91.2	91.9	91.9	92.1	92.8	92.8	93.0	93.0	93.0	93.0
GE 600	75.8	84.0	86.5	89.1	91.3	91.7	92.1	92.9	92.9	93.1	93.8	93.8	94.0	94.0	94.0	94.0
GE 500	75.9	84.2	86.9	89.8	92.1	92.9	93.4	94.3	94.6	94.8	95.5	95.5	95.7	95.7	95.7	95.7
GE 400	75.9	84.2	86.9	89.8	92.4	93.2	93.9	94.7	95.0	95.6	96.3	96.3	96.6	96.6	96.6	96.6
GE 350	75.9	84.4	87.2	90.2	93.0	94.1	94.8	95.8	96.1	96.8	97.5	97.5	97.7	98.0	98.0	98.0
GE 200	75.9	84.4	87.2	90.2	93.0	94.1	94.8	95.8	96.3	97.1	97.8	97.8	98.1	98.3	98.3	98.4
GE 100	75.9	84.4	87.2	90.2	93.0	94.1	94.8	95.8	96.3	97.1	98.1	98.2	98.4	98.7	99.5	99.7
GE 000	75.9	84.4	87.2	90.2	93.0	94.1	94.8	95.8	96.3	97.1	98.1	98.2	98.4	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.1	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 20000	53.3	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	53.3	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	53.3	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	53.7	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	54.6	56.6	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	58.1	60.2	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	58.6	61.2	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	61.5	65.1	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 7000	62.8	66.5	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	63.5	67.3	67.8	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	66.2	70.1	70.6	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	67.2	71.2	71.8	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	71.7	76.1	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	74.0	78.4	79.2	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3000	76.9	81.5	82.5	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	77.8	82.6	83.7	84.5	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	78.1	82.9	84.0	84.8	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	78.2	83.0	84.2	85.1	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	79.1	84.0	85.3	86.1	86.2	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	80.0	84.8	86.5	87.4	87.7	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1000	80.2	85.4	87.0	88.4	89.0	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	81.1	86.2	88.0	89.7	90.3	90.9	91.1	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	81.1	86.2	88.3	90.1	90.9	91.5	91.9	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	81.2	86.3	88.5	90.4	91.2	91.8	92.3	92.8	92.8	93.1	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	81.2	86.3	88.7	90.8	91.5	92.2	92.6	93.1	93.1	93.4	94.0	94.1	94.1	94.1	94.1	94.1
GE 500	81.2	86.6	89.1	91.7	93.1	94.1	94.8	95.6	95.6	95.9	96.5	96.7	96.7	96.7	96.7	96.7
GE 400	81.2	86.6	89.2	92.0	93.8	94.7	95.7	96.8	96.8	97.2	97.7	98.1	98.2	98.2	98.2	98.2
GE 300	81.2	86.7	89.4	92.3	94.1	95.3	96.5	97.6	97.6	98.1	98.7	99.0	99.1	99.2	99.2	99.4
GE 200	81.2	86.7	89.4	92.3	94.1	95.3	96.5	97.7	97.7	98.4	99.0	99.5	99.6	99.7	99.7	99.8
GE 100	81.2	86.7	89.4	92.3	94.1	95.3	96.5	97.7	97.7	98.4	99.0	99.5	99.6	99.7	99.8	99.9
GE 000	81.2	86.7	89.4	92.3	94.1	95.3	96.5	97.7	97.7	98.4	99.0	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.2	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000	54.8	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	55.1	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 16000	55.1	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 14000	55.4	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 12000	56.2	57.8	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 10000	59.9	61.6	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 9000	60.3	62.2	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 8000	63.8	66.2	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 7000	64.7	67.3	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 6000	65.8	68.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 5000	69.1	71.9	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	70.5	73.4	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4000	74.8	78.1	79.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	76.0	79.5	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	77.7	81.3	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	78.4	82.0	83.7	84.3	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2000	79.0	82.8	84.4	85.2	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1800	79.5	83.2	84.8	85.6	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1500	80.1	84.0	85.9	86.9	87.8	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1200	81.0	84.8	87.0	88.1	89.0	89.1	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	81.1	85.1	87.5	88.6	90.0	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	81.1	85.1	87.6	88.8	90.4	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 800	81.1	85.2	88.2	89.8	91.7	91.9	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	81.3	85.5	88.6	90.4	92.5	92.7	93.4	93.9	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	81.4	85.6	88.7	90.8	92.9	93.3	94.1	94.5	94.5	94.8	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	81.5	86.0	89.2	91.3	93.7	94.2	95.1	95.5	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	81.6	86.1	89.5	91.8	94.4	95.1	96.3	96.8	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	81.8	86.3	89.7	92.2	94.8	95.7	97.3	97.8	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9
GE 200	81.8	86.3	89.7	92.4	95.2	96.0	97.7	98.4	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8
GE 100	81.8	86.3	89.7	92.4	95.2	96.0	97.7	98.4	98.9	99.4	99.6	99.8	99.9	99.9	99.9	100.0
GE 000	81.8	86.3	89.7	92.4	95.2	96.0	97.7	98.4	98.9	99.4	99.6	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	55.7	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 18000	56.0	57.5	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 16000	56.0	57.5	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 14000	56.6	58.1	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	57.8	59.4	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 10000	61.1	62.6	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 9000	61.3	62.9	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000	64.5	66.3	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 7000	65.4	67.2	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	66.2	68.2	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 5000	68.9	71.4	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4500	69.6	72.0	73.0	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4000	73.1	76.1	77.2	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	74.5	77.6	79.0	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3000	76.8	80.4	82.0	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	78.0	82.0	83.8	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	78.8	83.1	84.9	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1800	78.9	83.2	85.3	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	79.1	83.5	85.6	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	79.9	84.3	86.5	87.4	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	80.0	84.8	87.1	88.2	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	80.1	85.1	87.3	88.5	89.6	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	80.1	85.1	87.7	89.2	90.9	91.4	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 700	80.1	85.4	88.1	89.8	91.5	92.0	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	80.1	85.4	88.1	89.8	91.5	92.2	92.6	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 500	80.4	86.0	88.7	90.6	93.0	93.8	94.5	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	80.5	86.3	89.0	91.2	93.7	94.5	95.6	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	80.5	86.3	89.0	91.3	93.9	94.8	96.0	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 200	80.5	86.5	89.1	91.5	94.3	95.4	97.0	98.4	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1
GE 100	80.5	86.5	89.1	91.5	94.3	95.4	97.0	98.4	98.4	98.9	99.1	99.1	99.2	99.4	99.9	99.9
GE 000	80.5	86.5	89.1	91.5	94.3	95.4	97.0	98.4	98.4	98.9	99.1	99.1	99.2	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.1	53.7	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	58.3	58.9	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 18000	58.3	58.9	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 16000	58.3	58.9	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 14000	58.3	58.9	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 12000	59.4	60.0	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	62.3	62.9	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	63.7	64.4	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	66.2	67.1	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	66.6	67.4	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	67.2	68.2	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	69.4	70.4	71.6	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4500	69.9	71.0	72.2	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	73.5	75.1	76.5	77.4	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	74.5	76.0	77.4	78.4	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	75.8	77.5	79.0	80.3	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	77.1	79.0	80.6	81.9	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000	78.5	81.2	82.9	84.3	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	78.8	81.6	83.4	84.8	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1500	79.4	82.3	84.4	85.9	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	79.7	82.6	85.1	86.6	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1000	80.0	83.0	85.7	87.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 900	80.5	83.8	86.5	88.4	89.4	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	80.5	84.2	86.9	89.0	90.0	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 700	80.6	84.4	87.5	90.0	91.0	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 600	80.8	84.6	88.0	90.6	91.8	92.2	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 500	80.9	84.8	88.4	91.4	93.1	93.5	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 400	80.9	85.2	88.8	91.9	93.9	94.5	95.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 300	81.0	85.3	89.4	92.7	95.1	95.9	96.7	96.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 200	81.0	85.3	89.5	93.0	95.5	96.3	97.3	97.4	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 100	81.0	85.3	89.5	93.1	95.7	96.7	97.8	98.1	98.4	98.9	99.1	99.2	99.2	99.4	99.5	99.5
GE 000	81.0	85.3	89.5	93.1	95.7	96.7	97.8	98.1	98.4	98.9	99.1	99.2	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.4	49.1	49.7	50.0	50.2	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5
GE 20000	53.7	55.7	56.5	56.8	57.1	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5
GE 18000	53.8	55.8	56.6	56.9	57.2	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 16000	53.8	55.8	56.6	56.9	57.2	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 14000	54.0	56.0	56.9	57.2	57.5	57.5	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.9
GE 12000	54.8	56.8	57.7	58.0	58.3	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7
GE 10000	58.0	60.3	61.2	61.5	61.9	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3
GE 9000	58.9	61.3	62.3	62.7	63.0	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	61.7	64.5	65.6	66.0	66.4	66.5	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 7000	62.6	65.6	66.6	67.1	67.5	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0
GE 6000	63.2	66.2	67.3	67.8	68.2	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
GE 5000	65.3	68.5	69.7	70.2	70.7	70.7	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2
GE 4500	66.6	69.8	71.1	71.7	72.1	72.2	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	69.9	73.6	75.0	75.8	76.3	76.4	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3500	71.2	75.0	76.6	77.4	78.0	78.1	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
GE 3000	73.3	77.4	79.2	80.2	80.8	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	74.3	78.7	80.7	81.8	82.6	82.7	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3
GE 2000	75.3	80.0	82.1	83.3	84.2	84.3	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9
GE 1800	75.5	80.2	82.4	83.6	84.5	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3
GE 1500	76.1	81.0	83.3	84.6	85.6	85.8	86.0	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1200	76.8	81.8	84.3	85.7	86.8	87.1	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8
GE 1000	77.1	82.3	85.0	86.5	87.8	88.1	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	77.4	82.7	85.4	87.1	88.6	88.9	89.3	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
GE 800	77.5	82.9	85.9	87.8	89.5	90.0	90.4	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	77.6	83.1	86.3	88.4	90.3	90.7	91.3	91.7	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.2
GE 600	77.7	83.3	86.7	89.0	90.9	91.4	92.0	92.5	92.5	92.8	93.0	93.0	93.1	93.1	93.1	93.1
GE 500	77.8	83.7	87.2	89.8	92.2	92.9	93.7	94.4	94.5	94.8	95.0	95.0	95.0	95.0	95.0	95.1
GE 400	77.8	83.9	87.7	90.4	93.1	93.9	94.9	95.6	95.7	96.1	96.3	96.4	96.4	96.4	96.4	96.5
GE 300	77.9	84.0	87.9	90.8	93.7	94.7	95.9	96.6	96.8	97.3	97.6	97.6	97.7	97.7	97.7	97.8
GE 200	77.9	84.0	87.9	91.0	93.9	95.0	96.3	97.2	97.4	98.1	98.4	98.4	98.5	98.6	98.6	98.8
GE 100	77.9	84.0	87.9	91.0	93.9	95.0	96.4	97.3	97.6	98.3	98.7	98.8	99.0	99.0	99.5	99.7
GE 000	77.9	84.0	87.9	91.0	93.9	95.0	96.4	97.3	97.6	98.3	98.7	98.8	99.0	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.0	52.2	53.0	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	51.4	54.8	55.6	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 18000	51.4	54.8	55.6	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 16000	51.4	54.8	55.6	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 14000	51.4	54.8	55.6	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 12000	51.9	55.4	56.2	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 10000	55.4	59.1	59.9	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 9000	56.6	60.3	61.1	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 8000	60.1	64.0	64.8	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	60.9	65.0	65.8	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 6000	61.1	65.2	66.0	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	62.3	66.4	67.2	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4500	63.8	68.3	69.1	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	66.8	71.9	72.8	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	68.6	73.9	74.9	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	69.3	75.1	76.4	77.3	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2500	70.0	75.8	77.2	78.3	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2000	71.4	77.3	79.0	80.6	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1800	71.6	77.4	79.1	80.8	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1500	72.0	78.2	80.0	81.7	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1200	72.8	79.2	81.0	83.0	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1000	72.9	79.3	81.8	84.1	85.6	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 900	73.3	79.8	82.2	84.8	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 800	73.6	80.0	82.7	85.4	87.3	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 700	73.7	80.2	83.3	86.3	88.6	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 600	74.1	80.9	84.1	87.1	89.3	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 500	74.3	81.1	84.7	87.7	89.9	90.0	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 400	74.6	81.6	85.8	88.9	91.3	91.6	92.6	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 300	75.0	82.1	86.4	89.8	92.6	92.9	94.0	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 200	75.0	82.1	86.6	90.0	93.0	93.6	95.0	95.8	95.9	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 100	75.0	82.1	86.6	90.0	93.0	93.8	95.2	96.0	96.1	97.0	97.2	97.2	97.7	98.0	98.0	98.6
GE 000	75.0	82.1	86.6	90.0	93.0	93.8	95.2	96.0	96.1	97.0	97.3	97.3	97.8	98.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.2	48.0	49.1	49.7	50.1	50.1	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.4
GE 20000	51.0	54.1	55.4	56.1	56.6	56.6	56.6	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.0
GE 18000	51.0	54.1	55.4	56.1	56.6	56.6	56.6	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.0
GE 16000	51.0	54.1	55.4	56.1	56.6	56.6	56.6	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.0
GE 14000	51.1	54.2	55.6	56.2	56.7	56.7	56.7	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.1
GE 12000	51.2	54.3	55.7	56.3	56.8	56.8	56.8	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.2
GE 10000	54.0	57.1	58.4	59.2	59.7	59.7	59.7	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.1
GE 9000	54.6	57.8	59.3	60.2	60.7	60.7	60.7	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.1
GE 8000	57.4	61.0	62.7	63.8	64.2	64.2	64.2	64.3	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.7
GE 7000	58.4	62.0	63.7	64.8	65.2	65.2	65.2	65.3	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.7
GE 6000	58.7	62.4	64.1	65.3	65.8	65.8	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.2
GE 5000	59.7	63.4	65.1	66.3	66.8	66.8	66.8	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.2
GE 4500	59.9	63.8	65.6	66.8	67.2	67.2	67.2	67.3	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.7
GE 4000	62.8	67.4	69.4	70.7	71.4	71.4	71.4	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9
GE 3500	64.2	69.2	71.4	72.7	73.4	73.4	73.4	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.9
GE 3000	64.9	70.1	72.9	74.1	74.9	74.9	74.9	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.3
GE 2500	65.4	70.9	73.7	74.9	76.0	76.0	76.0	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.4
GE 2000	66.6	72.1	75.0	76.4	77.8	77.8	77.8	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.2
GE 1800	67.3	73.1	76.0	77.4	78.9	78.9	78.9	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.3
GE 1500	67.6	73.7	76.7	78.1	79.6	79.6	79.6	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0
GE 1200	68.2	74.4	78.0	80.1	81.6	81.6	81.6	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.2
GE 1000	68.7	75.1	79.1	81.7	83.4	83.4	83.7	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.4
GE 900	69.0	75.6	79.7	82.2	84.0	84.0	84.2	84.6	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.0
GE 800	69.2	76.2	80.3	83.0	85.0	85.0	85.3	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.1
GE 700	69.4	76.8	80.9	83.7	85.8	85.8	86.2	86.6	86.6	86.8	86.9	86.9	86.9	86.9	86.9	87.0
GE 600	69.6	77.1	81.4	84.6	86.8	86.8	87.3	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.1
GE 500	69.7	77.6	82.2	85.6	87.9	88.0	88.9	89.2	89.2	89.7	89.8	89.8	89.8	89.8	89.8	89.9
GE 400	70.1	78.4	83.2	87.2	90.2	90.4	91.9	92.4	92.4	92.9	93.1	93.1	93.1	93.1	93.1	93.2
GE 300	70.2	78.7	84.0	88.1	91.7	91.9	93.4	94.3	94.3	94.9	95.2	95.2	95.2	95.2	95.2	95.3
GE 200	70.3	78.8	84.2	88.3	91.9	92.1	93.8	95.1	95.1	95.8	96.2	96.2	96.3	96.3	96.3	96.4
GE 100	70.3	78.8	84.3	88.4	92.0	92.2	94.0	95.3	95.6	96.2	96.8	97.0	97.4	97.4	97.4	98.3
GE 000	70.3	78.8	84.3	88.4	92.0	92.2	94.0	95.3	95.6	96.2	96.8	97.0	97.4	97.7	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.9	40.3	42.0	43.6	44.8	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2
GE 20000	41.4	46.0	48.1	49.9	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.6	51.7	51.7
GE 18000	41.4	46.0	48.1	49.9	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.6	51.7	51.7
GE 16000	41.4	46.0	48.1	49.9	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.6	51.7	51.7
GE 14000	41.7	46.3	48.4	50.2	51.4	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	52.0	52.0
GE 12000	42.1	46.8	48.9	50.7	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.4	52.4
GE 10000	45.2	50.0	52.1	54.1	55.4	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.1	56.1
GE 9000	46.1	51.0	53.2	55.3	56.8	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.4	57.4
GE 8000	49.7	54.8	57.2	59.4	61.0	61.2	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	61.9
GE 7000	51.0	56.2	58.7	60.9	62.4	62.7	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.2	63.3	63.3
GE 6000	51.2	56.6	59.0	61.2	63.0	63.2	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.9	63.9
GE 5000	52.3	57.9	60.4	62.8	64.6	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.4	65.4
GE 4500	53.0	58.7	61.3	63.7	65.4	65.7	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.3	66.3
GE 4000	55.8	62.1	65.2	67.9	70.1	70.3	70.8	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.1	71.1
GE 3500	56.9	63.4	66.6	69.2	71.4	71.7	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.6	72.6
GE 3000	58.6	65.2	68.3	71.2	73.4	73.7	74.3	74.4	74.4	74.6	74.6	74.6	74.6	74.7	74.8	74.8
GE 2500	59.3	66.4	69.6	72.6	74.8	75.0	75.7	75.8	75.8	75.9	75.9	75.9	75.9	76.0	76.1	76.1
GE 2000	60.1	67.7	71.1	74.3	76.6	76.8	77.4	77.6	77.6	77.7	77.9	77.9	77.9	78.0	78.1	78.1
GE 1800	61.1	68.9	72.3	75.7	77.9	78.2	79.0	79.1	79.1	79.2	79.4	79.4	79.4	79.6	79.7	79.7
GE 1500	61.7	69.6	73.1	76.4	78.7	79.0	79.9	80.0	80.0	80.1	80.4	80.4	80.4	80.6	80.7	80.7
GE 1200	62.4	70.7	74.2	77.8	80.2	80.6	81.6	81.7	81.7	81.9	82.2	82.2	82.2	82.3	82.4	82.4
GE 1000	63.1	71.7	75.2	79.1	81.6	81.9	82.9	83.0	83.0	83.2	83.6	83.6	83.6	83.7	83.8	83.8
GE 900	63.3	72.3	75.9	79.9	82.4	82.8	84.0	84.1	84.1	84.3	84.7	84.7	84.7	84.8	84.9	84.9
GE 800	63.8	73.1	77.3	81.6	84.1	84.6	85.8	85.9	85.9	86.1	86.4	86.4	86.4	86.6	86.7	86.7
GE 700	64.0	73.9	78.2	82.8	85.3	85.9	87.2	87.3	87.3	87.6	87.9	87.9	87.9	88.0	88.1	88.1
GE 600	64.0	74.0	78.3	82.9	85.4	86.0	87.3	87.4	87.4	87.7	88.0	88.0	88.0	88.1	88.2	88.2
GE 500	64.1	74.6	78.9	83.9	86.8	87.7	89.4	89.7	89.7	89.9	90.2	90.2	90.2	90.3	90.4	90.4
GE 400	64.3	74.8	79.1	84.7	87.9	89.2	91.8	92.3	92.3	92.7	93.0	93.0	93.0	93.1	93.2	93.2
GE 300	64.4	75.0	79.4	85.1	88.6	90.0	93.0	93.6	93.6	94.6	94.9	94.9	95.0	95.1	95.2	95.2
GE 200	64.4	75.0	79.4	85.1	88.8	90.2	93.3	94.0	94.1	95.3	96.3	96.3	96.6	96.9	97.0	97.0
GE 100	64.4	75.0	79.4	85.1	88.8	90.2	93.3	94.0	94.1	95.4	96.7	96.8	97.3	98.1	98.7	99.6
GE 000	64.4	75.0	79.4	85.1	88.8	90.2	93.3	94.0	94.1	95.4	96.7	96.8	97.3	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

D - 2 - 30

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.2	46.2	46.8	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000	48.6	52.8	53.3	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 18000	48.8	53.0	53.6	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 16000	48.8	53.0	53.6	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 14000	49.0	53.2	53.8	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 12000	49.7	53.9	54.4	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 10000	53.0	57.2	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	54.0	58.2	58.8	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	57.7	62.2	63.0	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 7000	59.0	63.9	64.7	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	59.3	64.6	65.6	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	60.6	66.4	67.8	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	61.6	67.6	68.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	64.4	70.9	72.2	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3500	65.6	72.1	73.4	74.6	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 3000	67.8	74.3	75.9	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2500	68.6	75.2	76.8	78.0	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2000	69.6	76.7	78.3	79.7	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1800	70.4	77.7	79.4	80.8	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	72.2	79.4	81.2	82.8	83.3	83.3	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6
GE 1200	73.0	81.0	83.0	84.9	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 1000	73.2	81.9	84.0	86.3	87.2	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	73.7	82.4	84.7	87.2	88.1	88.2	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 800	73.7	82.8	85.2	87.8	88.8	89.0	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 700	73.9	83.3	86.0	88.8	90.0	90.2	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 600	73.9	83.3	86.0	88.9	90.3	90.7	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 500	74.3	83.9	86.9	90.3	92.6	92.9	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 400	74.6	84.3	87.3	91.1	93.8	94.4	95.6	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 300	74.6	84.3	87.3	91.2	94.0	95.1	96.4	97.4	97.7	98.0	98.1	98.1	98.2	98.2	98.3	98.3
GE 200	74.6	84.3	87.3	91.2	94.1	95.6	96.9	98.1	98.3	99.2	99.4	99.4	99.6	99.6	99.7	99.7
GE 100	74.6	84.3	87.3	91.2	94.1	95.6	96.9	98.1	98.3	99.2	99.4	99.4	99.7	99.8	99.9	100.0
GE 000	74.6	84.3	87.3	91.2	94.1	95.6	96.9	98.1	98.3	99.2	99.4	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	43.5	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 20000	48.7	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 18000	48.7	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 16000	48.8	51.3	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 14000	48.8	51.4	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 12000	49.5	52.3	52.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 10000	53.1	56.2	56.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 9000	53.6	56.7	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 8000	57.5	61.0	61.2	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 7000	59.5	63.3	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000	60.4	64.4	64.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 5000	62.8	67.2	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4500	64.3	68.9	69.3	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	68.7	73.6	74.1	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3500	71.0	76.0	76.4	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	73.5	78.8	79.3	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2500	74.6	80.0	80.8	81.6	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	76.6	82.6	83.5	84.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1800	77.1	83.5	84.4	86.0	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	78.4	85.2	86.2	88.0	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	79.3	86.4	87.4	89.7	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	79.6	86.9	87.9	90.3	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 900	80.0	87.2	88.2	90.7	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	80.0	87.3	88.8	91.2	92.5	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	80.0	87.3	88.8	91.3	93.1	93.4	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	80.2	87.5	89.0	92.0	94.0	94.3	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	80.4	87.9	89.4	92.8	95.0	95.3	95.7	95.9	95.9	96.1	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	80.8	88.3	90.0	93.4	95.8	96.1	96.7	97.0	97.0	97.2	97.7	97.7	97.7	97.7	97.7	97.7
GE 300	80.8	88.3	90.0	93.4	96.2	96.6	97.3	98.0	98.0	98.4	98.9	99.0	99.1	99.1	99.1	99.1
GE 200	80.8	88.3	90.0	93.5	96.3	96.9	97.7	98.4	98.6	99.0	99.6	99.8	99.9	99.9	99.9	100.0
GE 100	80.8	88.3	90.0	93.5	96.3	96.9	97.7	98.4	98.6	99.0	99.6	99.8	99.9	99.9	99.9	100.0
GE 000	80.8	88.3	90.0	93.5	96.3	96.9	97.7	98.4	98.6	99.0	99.6	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.1	44.3	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 20000	55.0	56.4	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 18000	55.0	56.4	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 16000	55.2	56.7	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	55.3	56.8	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	56.1	57.6	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	59.3	60.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 9000	59.7	61.2	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	62.0	63.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 7000	64.0	66.0	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 6000	64.7	66.7	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 5000	67.0	69.2	70.4	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	68.3	70.6	71.8	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	72.8	75.6	77.0	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500	75.4	78.3	79.8	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000	77.9	81.1	82.9	83.3	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	79.2	82.7	84.6	85.0	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	80.2	83.8	86.0	86.7	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	80.3	84.1	86.4	87.1	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	80.8	84.9	87.3	88.1	88.7	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 1200	81.2	85.6	88.4	89.3	90.0	90.2	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 1000	81.9	86.3	89.6	90.8	91.7	92.0	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	82.3	87.0	90.3	91.7	92.6	92.9	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	82.7	87.4	91.0	92.6	93.6	93.9	94.2	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 700	82.8	87.8	91.4	93.6	94.6	94.9	95.2	95.3	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	83.0	88.0	91.7	93.8	94.8	95.1	95.4	95.6	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	83.3	88.6	92.2	94.3	95.3	95.8	96.2	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	83.4	88.9	92.6	94.7	95.8	96.2	97.0	97.7	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	83.4	88.9	92.7	94.8	95.9	96.3	97.1	98.2	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	83.4	88.9	92.7	94.8	95.9	96.3	97.1	98.2	98.6	99.0	99.2	99.2	99.2	99.2	99.3	99.3
GE 100	83.4	88.9	92.7	94.8	95.9	96.3	97.1	98.2	98.6	99.2	99.7	99.7	99.7	99.8	100.0	100.0
GE 000	83.4	88.9	92.7	94.8	95.9	96.3	97.1	98.2	98.6	99.2	99.7	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724068

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.9	47.1	47.9	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	54.0	55.4	56.3	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	54.1	55.6	56.4	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 16000	54.1	55.6	56.4	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 14000	54.2	55.7	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000	55.3	56.8	57.7	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 10000	59.1	60.6	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 9000	59.7	61.1	62.0	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 8000	62.9	64.6	65.7	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 7000	63.4	65.4	66.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 6000	64.1	66.3	67.4	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	66.1	68.8	69.9	70.3	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	67.8	70.6	71.7	72.1	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	71.1	74.3	75.6	76.0	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3500	72.8	76.1	77.7	78.2	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	75.6	79.2	81.0	81.6	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	76.8	80.7	82.7	83.7	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	77.7	81.8	83.9	85.1	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	77.8	82.0	84.1	85.4	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1500	78.6	82.8	84.9	86.6	87.4	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	79.0	83.2	85.7	87.3	88.7	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	79.4	84.2	86.9	88.9	90.3	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	79.6	84.4	87.1	89.3	90.8	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	79.8	84.9	87.7	90.0	91.6	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 700	80.0	85.3	88.7	91.1	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	80.1	85.4	88.8	91.2	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 500	80.3	86.0	89.4	92.4	94.2	94.3	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	80.3	86.1	90.0	93.3	95.2	95.3	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 300	80.3	86.1	90.0	93.6	95.9	96.0	96.7	97.2	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 200	80.3	86.1	90.0	93.7	96.3	96.4	97.2	98.0	98.2	98.9	99.3	99.3	99.3	99.4	99.4	99.4
GE 100	80.3	86.1	90.0	93.7	96.3	96.4	97.2	98.0	98.2	98.9	99.3	99.3	99.6	99.7	99.8	100.0
GE 000	80.3	86.1	90.0	93.7	96.3	96.4	97.2	98.0	98.2	98.9	99.3	99.3	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	51.3	52.1	52.3	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	54.4	57.3	58.1	58.3	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 18000	54.4	57.3	58.1	58.3	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 16000	54.4	57.3	58.1	58.3	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 14000	54.4	57.3	58.1	58.3	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	55.0	58.1	58.9	59.1	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	58.1	61.2	62.0	62.2	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 9000	59.0	62.1	62.9	63.1	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 8000	62.2	65.7	66.4	66.7	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	63.0	66.8	67.6	67.9	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	63.6	67.3	68.2	68.6	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	65.1	69.0	69.9	70.2	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	66.8	70.7	71.7	72.0	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	69.9	74.0	75.4	75.8	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	71.9	76.1	77.6	78.2	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3000	72.4	77.1	79.0	79.7	80.1	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2500	73.6	78.4	80.7	81.7	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000	74.2	79.3	81.7	82.8	83.8	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	74.3	79.4	81.8	82.9	83.9	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1500	74.9	80.2	82.6	83.7	84.8	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	76.1	81.7	84.2	85.7	87.0	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1000	76.3	82.1	84.8	86.9	88.3	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	76.4	82.4	85.1	87.4	88.9	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 800	76.6	82.8	85.6	88.3	90.1	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 700	76.7	83.1	86.6	89.3	91.4	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 600	76.9	83.3	86.8	89.6	91.7	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 500	77.2	83.8	87.3	90.2	92.6	92.9	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 400	77.6	84.1	87.9	91.1	93.6	93.9	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 300	77.8	84.3	88.4	92.1	94.8	95.6	96.2	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 200	77.8	84.3	88.4	92.1	94.9	95.7	96.4	97.4	97.7	98.1	98.3	98.3	98.6	98.6	98.6	98.6
GE 100	77.8	84.3	88.4	92.1	94.9	95.7	96.4	97.4	97.7	98.1	98.3	98.3	98.6	98.7	99.1	99.3
GE 000	77.8	84.3	88.4	92.1	94.9	95.7	96.4	97.4	97.7	98.1	98.3	98.3	98.6	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASSEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.9	46.6	47.5	47.9	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	50.6	53.5	54.5	55.0	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
GE 18000	50.6	53.5	54.5	55.0	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
GE 16000	50.7	53.6	54.5	55.1	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 14000	50.8	53.7	54.7	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
GE 12000	51.4	54.4	55.3	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4
GE 10000	54.7	57.8	58.7	59.4	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
GE 9000	55.4	58.6	59.5	60.2	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 8000	58.7	62.1	63.2	64.0	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
GE 7000	59.9	63.6	64.7	65.5	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1
GE 6000	60.4	64.2	65.4	66.2	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	62.0	66.1	67.3	68.2	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	63.2	67.4	68.7	69.6	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4000	66.5	71.2	72.7	73.7	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
GE 3500	68.3	73.1	74.7	75.8	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7
GE 3000	70.0	75.1	77.0	78.1	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1
GE 2500	70.9	76.3	78.2	79.5	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 2000	72.1	77.7	79.8	81.3	82.3	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	72.5	78.3	80.5	82.0	83.0	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	73.3	79.2	81.5	83.2	84.2	84.4	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 1200	74.0	80.3	82.7	84.7	86.0	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7
GE 1000	74.4	80.9	83.7	86.0	87.5	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3
GE 900	74.7	81.4	84.2	86.7	88.1	88.3	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0
GE 800	74.9	81.8	84.8	87.5	89.1	89.3	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1
GE 700	75.1	82.2	85.5	88.4	90.2	90.4	90.9	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 600	75.2	82.5	85.8	88.7	90.7	90.9	91.4	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.8
GE 500	75.5	82.9	86.4	89.7	91.8	92.1	92.8	93.1	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.5
GE 400	75.7	83.3	87.0	90.6	92.9	93.4	94.5	94.9	95.0	95.3	95.4	95.4	95.4	95.5	95.5	95.5
GE 300	75.8	83.5	87.3	91.0	93.7	94.3	95.5	96.2	96.3	96.8	97.0	97.0	97.1	97.1	97.1	97.1
GE 200	75.8	83.5	87.3	91.1	93.9	94.6	95.9	96.9	97.1	97.7	98.1	98.2	98.3	98.3	98.4	98.4
GE 100	75.8	83.5	87.3	91.1	93.9	94.6	96.0	96.9	97.1	97.9	98.4	98.4	98.7	98.9	99.1	99.5
GE 000	75.8	83.5	87.3	91.1	93.9	94.6	96.0	96.9	97.1	97.9	98.4	98.5	98.7	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	48.0	50.1	51.1	51.5	51.6	51.6	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 20000	46.6	54.1	57.1	58.1	58.5	58.7	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 18000	46.6	54.1	57.1	58.1	58.5	58.7	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	46.6	54.1	57.1	58.1	58.5	58.7	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 14000	46.6	54.1	57.1	58.1	58.5	58.7	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	46.9	54.5	57.6	58.6	59.0	59.2	59.2	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	51.0	59.0	62.3	63.5	64.0	64.2	64.2	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 9000	52.9	61.0	64.3	65.7	66.1	66.3	66.3	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	56.8	64.9	68.4	70.0	70.5	70.8	70.8	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 7000	57.3	65.7	69.1	70.8	71.3	71.5	71.5	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	57.6	66.1	69.6	71.2	71.7	71.9	71.9	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	58.9	68.0	71.8	73.5	74.3	74.5	74.5	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4500	60.1	69.2	73.1	74.8	75.6	75.8	75.8	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	62.6	72.9	77.7	79.9	80.8	81.2	81.2	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500	63.5	73.9	79.0	81.2	82.0	82.5	82.5	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3000	65.6	76.3	82.0	84.3	85.2	85.6	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	66.8	78.0	83.7	86.1	87.0	87.4	87.4	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	67.5	78.7	84.5	87.1	88.2	88.6	88.6	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1800	67.6	78.8	84.6	87.2	88.3	88.7	88.7	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1500	68.0	79.2	85.1	88.1	89.2	89.7	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	68.3	79.6	85.5	88.5	89.7	90.1	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	68.6	79.9	85.9	88.9	90.1	90.5	90.5	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 900	68.7	80.0	86.2	89.2	90.4	91.0	91.0	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 800	69.1	80.4	86.7	89.8	91.0	91.5	91.5	91.7	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 700	69.4	81.0	87.5	90.9	92.3	92.8	92.8	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	69.5	81.4	88.0	91.5	93.1	93.7	93.7	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	69.8	82.2	88.7	92.6	94.8	95.6	95.6	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	70.0	82.6	89.2	93.3	95.7	96.6	96.7	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	70.1	82.7	89.4	93.8	96.2	97.1	97.2	97.6	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	70.1	82.7	89.4	93.8	96.6	97.4	97.6	98.2	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	70.1	82.7	89.4	93.8	96.7	97.5	97.7	98.3	98.7	99.2	99.5	99.5	99.6	99.6	99.7	99.7
GE 000	70.1	82.7	89.4	93.8	96.7	97.5	97.7	98.3	98.7	99.2	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.4	42.6	45.7	48.7	50.0	50.2	50.6	50.8	50.8	50.9	51.2	51.2	51.3	51.3	51.3	51.3
GE 20000	38.2	46.1	49.7	53.7	55.2	55.4	55.9	56.3	56.3	56.5	56.9	56.9	57.0	57.0	57.0	57.0
GE 18000	38.3	46.2	49.8	53.8	55.3	55.5	56.0	56.5	56.5	56.6	57.0	57.0	57.1	57.1	57.1	57.1
GE 16000	38.3	46.2	49.8	53.8	55.3	55.5	56.0	56.5	56.5	56.6	57.0	57.0	57.1	57.1	57.1	57.1
GE 14000	38.3	46.2	49.8	53.8	55.3	55.5	56.0	56.5	56.5	56.6	57.0	57.0	57.1	57.1	57.1	57.1
GE 12000	38.5	46.6	50.1	54.1	55.6	55.8	56.3	56.8	56.8	56.9	57.3	57.3	57.4	57.4	57.4	57.4
GE 10000	43.5	52.0	55.7	59.7	61.4	61.6	62.2	62.7	62.7	62.8	63.2	63.2	63.3	63.3	63.3	63.3
GE 9000	43.8	52.3	55.9	60.0	61.8	62.0	62.7	63.2	63.2	63.3	63.8	63.8	63.9	63.9	63.9	63.9
GE 8000	48.2	57.1	60.9	65.1	67.0	67.2	67.8	68.4	68.4	68.5	68.9	68.9	69.0	69.0	69.0	69.0
GE 7000	48.9	58.2	62.0	66.2	68.2	68.4	69.0	69.7	69.7	69.8	70.2	70.2	70.3	70.3	70.3	70.3
GE 6000	49.6	58.9	62.8	67.0	68.9	69.1	69.8	70.4	70.4	70.5	71.0	71.0	71.1	71.1	71.1	71.1
GE 5000	50.4	59.9	64.2	68.8	71.0	71.2	71.8	72.5	72.5	72.6	73.0	73.0	73.1	73.1	73.1	73.1
GE 4500	51.0	60.4	64.7	69.4	71.5	71.7	72.4	73.0	73.0	73.1	73.5	73.5	73.7	73.7	73.7	73.7
GE 4000	53.3	63.7	68.1	73.0	75.6	75.8	76.6	77.2	77.2	77.3	77.7	77.7	77.8	77.8	77.8	77.8
GE 3500	54.3	64.9	69.6	74.5	77.1	77.3	78.1	78.7	78.7	78.8	79.2	79.2	79.4	79.4	79.4	79.4
GE 3000	55.7	66.6	71.4	76.5	79.1	79.5	80.2	80.9	80.9	81.0	81.4	81.4	81.5	81.5	81.5	81.5
GE 2500	56.2	67.3	72.3	77.3	80.0	80.3	81.2	81.8	81.8	81.9	82.4	82.4	82.5	82.5	82.5	82.5
GE 2000	58.1	69.4	74.6	79.8	82.5	83.1	84.1	84.7	84.7	84.8	85.3	85.3	85.4	85.4	85.4	85.4
GE 1800	58.1	69.4	74.7	79.9	82.7	83.3	84.3	84.9	84.9	85.1	85.5	85.5	85.6	85.6	85.6	85.6
GE 1500	58.6	70.0	75.4	80.6	83.4	84.1	85.2	85.8	85.8	85.9	86.3	86.3	86.5	86.5	86.5	86.5
GE 1200	58.8	70.3	76.0	81.4	84.3	85.2	86.2	86.9	86.9	87.0	87.4	87.4	87.5	87.5	87.5	87.5
GE 1000	59.5	71.3	77.0	82.8	85.8	86.7	87.8	88.5	88.5	88.6	89.0	89.0	89.1	89.1	89.1	89.1
GE 900	59.7	71.8	77.6	83.7	86.7	87.5	88.7	89.4	89.4	89.5	89.9	89.9	90.0	90.0	90.0	90.0
GE 800	60.2	72.4	78.3	84.3	87.3	88.2	89.6	90.3	90.3	90.4	90.9	90.9	91.0	91.0	91.0	91.0
GE 700	60.3	72.6	78.6	84.7	87.7	88.6	90.0	90.8	90.8	91.0	91.4	91.4	91.5	91.5	91.5	91.5
GE 600	60.3	73.0	79.2	85.5	88.9	89.8	91.2	91.9	91.9	92.2	92.6	92.6	92.7	92.7	92.7	92.7
GE 500	60.4	73.3	80.0	86.5	90.3	91.3	92.8	93.7	93.7	93.9	94.3	94.3	94.4	94.4	94.4	94.4
GE 400	60.5	73.5	80.3	87.0	91.1	92.4	94.0	95.1	95.1	95.5	96.0	96.0	96.1	96.1	96.2	96.2
GE 300	60.6	73.8	80.6	87.3	91.6	93.1	94.8	96.1	96.1	96.6	97.1	97.1	97.2	97.2	97.3	97.3
GE 200	60.6	73.8	80.6	87.3	91.6	93.1	95.2	96.5	96.6	97.1	97.8	97.8	98.2	98.3	98.5	98.5
GE 100	60.6	73.8	80.6	87.3	91.6	93.2	95.3	96.6	96.7	97.3	98.1	98.1	98.4	98.5	99.2	99.2
GE 000	60.6	73.8	80.6	87.3	91.6	93.2	95.3	96.6	96.7	97.3	98.1	98.1	98.4	98.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.8	40.4	44.3	47.4	48.3	48.6	49.0	49.5	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	38.2	46.6	51.6	54.9	56.2	56.6	57.0	57.4	57.6	57.6	57.7	57.7	57.8	57.8	57.8	57.8
GE 18000	38.5	46.9	51.9	55.3	56.6	56.9	57.3	57.7	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2
GE 16000	38.5	46.9	51.9	55.3	56.6	56.9	57.3	57.7	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2
GE 14000	38.9	47.3	52.4	55.7	57.0	57.3	57.7	58.2	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.6
GE 12000	39.5	48.1	53.2	56.7	58.1	58.4	58.9	59.4	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8
GE 10000	42.6	51.8	57.3	61.4	63.0	63.3	64.0	64.6	64.8	64.8	64.9	64.9	65.1	65.1	65.1	65.1
GE 9000	43.1	52.6	58.1	62.2	63.9	64.2	65.1	65.7	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.1
GE 8000	47.0	57.3	63.4	68.2	70.0	70.4	71.4	72.2	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6
GE 7000	47.5	58.3	64.5	69.6	71.4	71.8	72.8	73.5	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.0
GE 6000	47.7	58.9	65.2	70.2	72.0	72.5	73.4	74.3	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7
GE 5000	48.8	60.3	66.6	71.7	73.9	74.3	75.3	76.1	76.3	76.3	76.5	76.5	76.6	76.6	76.6	76.6
GE 4500	49.4	60.9	67.1	72.3	74.4	74.8	75.8	76.7	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1
GE 4000	50.8	62.6	69.0	74.3	76.6	77.0	78.0	78.8	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2
GE 3500	51.6	63.4	69.9	75.2	77.4	77.8	78.8	79.7	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1
GE 3000	52.2	64.1	70.5	76.0	78.5	78.9	80.0	80.9	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3
GE 2500	52.5	64.4	70.9	76.3	78.9	79.5	80.5	81.4	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.8
GE 2000	53.0	65.1	71.5	77.2	79.9	80.4	81.5	82.4	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8
GE 1800	53.0	65.1	71.5	77.2	79.9	80.5	81.6	82.5	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9
GE 1500	53.5	65.8	72.3	78.0	80.6	81.4	82.5	83.3	83.5	83.5	83.7	83.7	83.8	83.8	83.8	83.8
GE 1200	53.7	66.5	73.2	79.5	82.3	83.2	84.3	85.2	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.6
GE 1000	54.3	67.2	74.1	80.3	83.3	84.4	85.6	86.5	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9
GE 900	55.2	68.2	75.3	81.6	84.8	85.9	87.1	88.0	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4
GE 800	55.6	68.9	76.1	82.5	86.1	87.2	88.5	89.7	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1
GE 700	55.8	69.4	76.6	83.1	86.9	88.1	89.4	90.6	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2
GE 600	55.9	69.6	76.9	83.4	87.6	89.0	90.3	91.6	91.8	91.9	92.0	92.0	92.2	92.2	92.2	92.2
GE 500	55.9	69.6	77.1	83.9	88.2	89.7	91.2	92.8	93.0	93.1	93.3	93.3	93.4	93.4	93.4	93.4
GE 400	56.2	69.9	77.6	84.4	89.1	90.9	92.7	94.7	94.9	95.1	95.3	95.3	95.4	95.4	95.4	95.4
GE 300	56.2	69.9	77.8	84.6	89.6	91.4	93.3	95.6	95.8	96.2	96.6	96.7	96.9	96.9	96.9	96.9
GE 200	56.2	69.9	77.8	84.6	89.6	91.4	93.3	95.6	95.8	96.6	97.0	97.1	97.7	97.8	98.1	98.1
GE 100	56.2	69.9	77.8	84.6	89.6	91.4	93.3	95.6	95.8	96.7	97.1	97.2	97.8	98.2	99.1	99.8
GE 000	56.2	69.9	77.8	84.6	89.6	91.4	93.3	95.6	95.8	96.7	97.1	97.2	97.8	98.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	48.5	50.2	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	48.7	57.2	59.0	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	48.7	57.2	59.0	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 16000	48.7	57.2	59.0	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 14000	48.8	57.3	59.1	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 12000	49.9	58.7	60.5	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 10000	54.7	64.0	65.8	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 9000	55.6	64.8	66.7	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 8000	57.6	67.5	69.7	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000	58.2	68.7	71.0	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 6000	58.4	68.9	71.2	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 5000	59.9	70.5	72.8	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4500	60.5	71.2	73.4	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	62.4	73.3	75.7	77.8	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	63.1	74.2	76.6	78.7	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3000	64.3	75.9	78.5	80.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2500	64.7	76.6	79.1	81.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	65.4	77.4	80.2	82.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1800	65.9	78.2	81.0	83.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500	66.8	79.2	82.4	84.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	68.0	80.8	84.1	86.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1000	68.5	81.5	85.2	87.6	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	69.2	82.4	86.0	88.5	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	69.5	82.7	86.6	89.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	69.7	83.2	87.3	90.1	92.3	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	69.8	83.3	87.4	90.2	92.7	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	70.0	83.9	88.2	91.3	94.3	94.7	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 400	70.0	84.1	88.6	91.8	95.1	95.7	97.0	97.3	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	70.0	84.1	88.6	91.8	95.1	95.7	97.1	97.5	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	70.0	84.1	88.6	91.8	95.2	95.8	97.4	98.0	98.5	99.0	99.4	99.4	99.5	99.6	99.6	99.6
GE 100	70.0	84.1	88.6	91.8	95.2	95.8	97.4	98.0	98.5	99.0	99.4	99.4	99.5	99.6	99.7	99.9
GE 000	70.0	84.1	88.6	91.8	95.2	95.8	97.4	98.0	98.5	99.0	99.4	99.4	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.4	45.8	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 20000	50.2	56.7	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	50.2	56.8	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 16000	50.2	56.8	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	50.8	57.3	59.5	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	51.8	58.6	60.8	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	53.9	61.0	63.2	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	54.5	61.6	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 8000	57.4	65.1	67.5	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	58.0	65.7	68.2	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 6000	58.3	66.2	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	59.7	67.6	70.1	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	61.3	69.2	71.8	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	65.9	74.6	77.3	77.6	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3500	67.8	77.1	79.8	80.1	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	70.4	81.1	83.9	84.3	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	72.2	83.0	85.8	86.2	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	73.1	84.1	87.0	87.6	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	73.5	84.5	87.5	88.3	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500	73.7	84.9	88.3	89.4	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200	74.5	86.1	89.9	91.1	91.6	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1000	74.9	86.7	90.5	91.8	92.8	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	74.9	86.7	90.6	92.0	93.0	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 800	75.4	87.4	91.4	92.9	93.9	94.3	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	75.6	88.3	92.5	94.0	95.2	95.6	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	75.7	88.4	92.7	94.2	95.5	96.0	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	75.7	88.7	93.0	94.6	96.0	96.7	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	75.8	89.0	93.3	94.9	96.3	97.1	98.1	98.4	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	75.8	89.0	93.3	95.1	96.5	97.2	98.2	99.0	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	75.8	89.0	93.3	95.1	96.7	97.5	98.5	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.8	89.0	93.3	95.1	96.7	97.5	98.5	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.8	89.0	93.3	95.1	96.7	97.5	98.5	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.4	49.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	53.8	60.4	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 18000	53.8	60.4	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 16000	53.9	60.3	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	54.2	60.9	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	54.5	61.4	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 10000	57.4	64.5	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 9000	58.3	65.5	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 8000	62.2	69.5	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	63.1	70.4	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 6000	63.7	71.1	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	65.8	73.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4500	67.4	75.3	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	71.6	79.6	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	73.2	81.7	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000	75.3	84.7	86.9	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500	76.9	86.3	88.8	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	77.5	87.0	89.8	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	77.5	87.0	89.9	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	77.6	87.3	90.2	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1200	78.0	87.7	91.1	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	78.2	88.1	91.6	92.7	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	78.5	88.4	91.9	93.1	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 800	78.5	88.5	92.3	93.8	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	79.1	89.6	93.4	94.9	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	79.1	89.6	93.4	94.9	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	79.2	89.8	93.8	95.4	96.1	97.1	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	79.4	89.9	94.0	95.6	96.5	97.5	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	79.4	89.9	94.0	95.6	96.5	97.6	98.4	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	79.4	89.9	94.0	95.6	96.5	98.0	98.7	98.9	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	79.4	89.9	94.0	95.6	96.5	98.0	98.7	98.9	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	79.4	89.9	94.0	95.6	96.5	98.0	98.7	98.9	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.4	45.2	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	52.0	57.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000	52.0	57.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 16000	52.0	57.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	53.0	58.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 12000	53.5	59.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 10000	56.6	63.0	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 9000	58.1	64.6	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 8000	62.4	69.2	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 7000	62.8	70.0	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 6000	63.0	70.2	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 5000	64.8	72.3	75.1	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	66.3	74.1	77.1	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4000	69.9	78.0	81.3	82.0	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500	71.4	79.8	83.0	84.0	84.0	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000	73.0	81.9	85.5	86.5	86.5	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	73.6	82.9	86.5	87.6	87.6	87.7	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	74.6	83.9	87.5	88.9	89.0	89.2	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	74.7	84.1	87.7	89.3	89.6	89.8	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	75.0	84.5	88.7	90.6	90.9	91.1	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	75.1	84.7	89.1	91.4	91.7	91.9	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	75.6	85.1	89.6	91.8	92.1	92.4	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 900	76.1	85.8	90.3	92.6	93.1	93.3	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 800	76.1	85.8	90.3	92.8	93.3	93.6	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 700	76.4	86.2	90.9	93.3	94.1	94.5	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	76.7	86.8	91.4	93.9	94.6	95.0	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	76.7	86.8	91.4	94.1	95.2	95.8	96.3	96.9	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 400	76.7	86.8	91.4	94.3	95.5	96.2	97.0	97.5	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2
GE 300	76.7	86.8	91.5	94.5	95.7	96.4	97.2	98.1	98.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9
GE 200	76.9	86.9	91.7	94.7	95.9	96.7	97.4	98.3	98.7	98.8	99.0	99.0	99.5	99.5	99.5	99.5
GE 100	76.9	86.9	91.7	94.7	95.9	96.7	97.4	98.3	98.7	98.8	99.0	99.0	99.7	99.7	99.8	99.9
GE 000	76.9	86.9	91.7	94.7	95.9	96.7	97.4	98.3	98.7	98.8	99.0	99.0	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.5	47.5	50.0	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 20000	50.6	55.6	59.2	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 18000	50.6	55.6	59.2	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 16000	50.6	55.6	59.2	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 14000	50.9	55.8	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	51.5	56.5	60.5	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 10000	54.9	60.0	64.4	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	55.8	60.9	65.3	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 8000	61.1	66.1	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	61.6	66.8	71.5	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	62.0	67.2	71.9	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	64.0	69.6	74.5	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	65.7	71.9	76.9	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000	68.4	75.3	80.8	81.5	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	70.4	77.6	83.2	84.1	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3000	71.6	79.6	85.3	86.3	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2500	71.7	79.9	86.0	87.1	87.4	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2000	72.2	80.5	86.8	88.4	88.7	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	72.4	80.8	87.1	88.9	89.4	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	72.8	81.4	87.8	89.9	90.3	90.3	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	73.7	82.5	88.9	91.1	91.5	91.5	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1000	74.0	82.8	89.2	91.5	91.9	92.0	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 900	74.0	82.8	89.4	91.6	92.0	92.2	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	74.0	82.8	89.5	91.7	92.2	92.3	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	74.3	83.1	90.0	92.6	93.0	93.1	93.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	74.4	83.4	90.5	93.1	93.7	93.8	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	74.6	83.7	91.0	93.5	94.4	94.5	95.3	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	74.6	83.9	91.3	94.0	95.2	95.4	96.1	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 300	74.7	84.0	91.7	94.5	96.0	96.2	97.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	74.8	84.1	91.8	94.6	96.2	96.6	97.5	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
GE 100	74.8	84.1	91.8	94.6	96.3	96.7	97.7	99.0	99.2	99.4	99.5	99.5	99.5	99.6	99.7	99.8
GE 000	74.8	84.1	91.8	94.6	96.3	96.7	97.7	99.0	99.2	99.4	99.5	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.1	46.0	48.2	49.4	49.8	49.8	49.9	50.0	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2
GE 20000	47.3	54.3	57.1	58.4	58.9	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
GE 18000	47.3	54.3	57.2	58.5	58.9	59.0	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
GE 16000	47.3	54.3	57.2	58.5	59.0	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.5
GE 14000	47.7	54.7	57.5	58.8	59.3	59.4	59.5	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
GE 12000	48.3	55.4	58.4	59.7	60.2	60.3	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 10000	51.8	59.4	62.5	64.0	64.6	64.7	64.8	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2
GE 9000	52.8	60.4	63.5	65.0	65.6	65.7	65.9	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 8000	56.6	64.6	67.9	69.6	70.2	70.3	70.5	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
GE 7000	57.2	65.5	68.9	70.6	71.3	71.4	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	57.5	65.9	69.4	71.2	71.8	71.9	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
GE 5000	59.0	67.7	71.3	73.1	73.9	74.0	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	60.2	69.0	72.7	74.5	75.3	75.4	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0
GE 4000	63.1	72.5	76.4	78.5	79.4	79.6	79.8	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 3500	64.4	74.1	78.1	80.2	81.1	81.3	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	66.0	76.3	80.5	82.7	83.7	83.9	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	66.8	77.3	81.6	83.9	84.9	85.1	85.4	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9
GE 2000	67.7	78.2	82.7	85.2	86.3	86.6	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	67.8	78.5	83.0	85.6	86.7	87.0	87.3	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8
GE 1500	68.2	79.1	83.8	86.5	87.7	88.0	88.3	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 1200	68.7	79.8	84.7	87.7	88.9	89.3	89.7	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	69.2	80.3	85.4	88.4	89.8	90.2	90.7	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 900	69.5	80.8	85.9	89.0	90.5	90.9	91.4	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	69.8	81.1	86.4	89.6	91.1	91.6	92.2	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 700	70.1	81.7	87.1	90.5	92.1	92.7	93.2	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	70.2	81.9	87.4	90.8	92.7	93.3	93.9	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	70.3	82.2	87.9	91.5	93.7	94.4	95.1	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	70.4	82.5	88.2	91.9	94.3	95.2	96.2	96.9	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5
GE 300	70.5	82.5	88.4	92.1	94.6	95.6	96.7	97.6	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	70.5	82.5	88.4	92.2	94.8	95.8	97.0	97.9	98.2	98.6	98.9	98.9	99.1	99.2	99.2	99.2
GE 100	70.5	82.5	88.4	92.2	94.8	95.8	97.0	98.0	98.3	98.7	99.0	99.1	99.3	99.4	99.7	99.8
GE 000	70.5	82.5	88.4	92.2	94.8	95.8	97.0	98.0	98.3	98.7	99.0	99.1	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	52.8	57.4	60.1	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000	47.6	58.2	63.9	67.1	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 18000	47.6	58.2	63.9	67.1	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 16000	47.6	58.2	63.9	67.1	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	47.7	58.4	64.1	67.4	69.3	69.6	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 12000	47.7	58.6	64.2	67.6	69.4	69.7	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 10000	49.8	61.6	67.6	70.9	72.8	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 9000	51.8	64.1	70.1	73.4	75.3	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 8000	54.7	67.7	74.1	78.3	80.6	80.8	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	55.2	68.3	74.9	79.1	81.3	81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	55.3	68.7	75.2	79.4	81.7	81.9	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	56.2	69.8	76.7	80.9	83.1	83.3	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	57.3	71.3	78.2	82.7	84.9	85.1	85.1	85.3	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	58.9	73.6	80.6	85.1	87.9	88.1	88.1	88.3	88.4	88.4	88.7	88.7	88.8	88.8	88.8	88.8
GE 3500	60.1	75.2	82.2	86.8	89.8	90.0	90.0	90.2	90.3	90.3	90.6	90.6	90.7	90.7	90.7	90.7
GE 3000	60.7	75.9	82.9	87.4	90.8	91.0	91.0	91.2	91.3	91.3	91.6	91.6	91.7	91.7	91.7	91.7
GE 2500	60.7	76.0	83.0	87.6	91.3	91.6	91.6	91.8	91.9	91.9	92.1	92.1	92.2	92.2	92.2	92.2
GE 2000	60.8	76.2	83.2	87.9	91.8	92.0	92.0	92.2	92.3	92.3	92.6	92.6	92.7	92.7	92.7	92.7
GE 1800	60.8	76.2	83.4	88.1	92.0	92.2	92.2	92.4	92.6	92.6	92.8	92.8	92.9	92.9	92.9	92.9
GE 1500	60.8	76.3	83.7	88.3	92.2	92.4	92.4	92.7	92.8	92.8	93.0	93.0	93.1	93.1	93.1	93.1
GE 1200	61.1	76.7	84.0	88.8	92.8	93.1	93.1	93.3	93.4	93.4	93.7	93.7	93.8	93.8	93.8	93.8
GE 1000	61.2	76.8	84.1	89.2	93.2	93.6	93.6	93.8	93.9	93.9	94.1	94.1	94.2	94.2	94.2	94.2
GE 900	61.2	76.8	84.1	89.2	93.2	93.6	93.6	93.9	94.0	94.0	94.2	94.2	94.3	94.3	94.3	94.3
GE 800	61.3	76.9	84.2	89.8	93.8	94.1	94.2	94.6	94.8	94.8	95.0	95.0	95.1	95.1	95.1	95.1
GE 700	61.4	77.2	84.6	90.1	94.1	94.4	94.6	94.9	95.1	95.1	95.4	95.4	95.6	95.6	95.6	95.6
GE 600	61.4	77.7	85.2	90.8	94.8	95.1	95.2	95.6	95.8	95.8	96.1	96.1	96.3	96.3	96.3	96.3
GE 500	61.6	77.8	85.6	91.3	95.4	95.8	96.1	96.4	96.7	96.7	97.0	97.0	97.2	97.2	97.2	97.2
GE 400	61.7	78.1	85.9	91.8	96.1	96.4	96.8	97.2	97.4	97.4	97.8	97.8	98.0	98.0	98.0	98.0
GE 300	61.7	78.1	86.0	91.9	96.2	96.6	97.1	97.8	98.0	98.0	98.3	98.3	98.7	98.7	98.9	98.9
GE 200	61.7	78.1	86.0	92.1	96.6	96.9	97.4	98.1	98.3	98.3	98.7	98.7	99.0	99.0	99.2	99.2
GE 100	61.7	78.1	86.0	92.1	96.6	96.9	97.4	98.2	98.4	98.4	98.8	98.8	99.1	99.1	99.4	99.4
GE 000	61.7	78.1	86.0	92.1	96.6	96.9	97.4	98.2	98.4	98.4	98.8	98.8	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.0	44.0	48.4	53.2	56.0	56.8	57.3	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	43.6	50.7	56.1	61.8	65.4	66.4	67.1	67.4	67.8	68.2	68.2	68.2	68.3	68.3	68.3	68.3
GE 18000	43.6	50.7	56.1	61.8	65.4	66.4	67.1	67.4	67.8	68.2	68.2	68.2	68.3	68.3	68.3	68.3
GE 16000	43.6	50.7	56.1	61.8	65.4	66.4	67.1	67.4	67.8	68.2	68.2	68.2	68.3	68.3	68.3	68.3
GE 14000	43.6	50.7	56.1	61.8	65.4	66.4	67.1	67.4	68.0	68.4	68.4	68.4	68.6	68.6	68.6	68.6
GE 12000	43.7	50.9	56.3	62.1	65.8	66.8	67.4	67.8	68.3	68.8	68.8	68.8	68.9	68.9	68.9	68.9
GE 10000	46.2	55.0	60.4	66.3	70.2	71.2	71.9	72.4	73.1	73.7	73.7	73.7	73.8	73.8	73.8	73.8
GE 9000	46.9	55.7	61.2	67.2	71.1	72.1	72.8	73.3	74.0	74.6	74.6	74.6	74.7	74.7	74.7	74.7
GE 8000	49.0	59.3	65.4	71.7	75.8	76.8	77.7	78.2	78.9	79.4	79.4	79.4	79.6	79.6	79.6	79.6
GE 7000	49.9	60.4	66.6	72.8	76.9	77.9	78.8	79.3	80.0	80.6	80.6	80.6	80.7	80.7	80.7	80.7
GE 6000	49.9	60.6	66.7	72.9	77.0	78.0	78.9	79.4	80.1	80.7	80.7	80.7	80.8	80.8	80.8	80.8
GE 5000	50.0	60.8	67.0	73.2	77.3	78.3	79.2	79.8	80.4	81.1	81.1	81.1	81.2	81.2	81.2	81.2
GE 4500	51.1	62.0	68.4	74.8	78.9	79.9	80.8	81.3	82.0	82.7	82.8	82.8	82.9	82.9	82.9	82.9
GE 4000	52.6	64.0	70.9	77.4	81.9	82.9	84.0	84.6	85.2	85.9	86.0	86.0	86.1	86.1	86.1	86.1
GE 3500	52.9	64.4	71.3	77.9	82.4	83.6	84.7	85.2	85.9	86.6	86.7	86.7	86.8	86.8	86.8	86.8
GE 3000	53.3	65.1	72.2	78.8	83.4	84.6	85.8	86.3	87.0	87.7	87.8	87.8	87.9	87.9	87.9	87.9
GE 2500	53.6	65.3	72.6	79.2	84.2	85.3	86.8	87.3	88.0	88.7	88.8	88.8	88.9	88.9	88.9	88.9
GE 2000	53.8	66.0	73.3	80.1	85.1	86.2	87.8	88.3	89.0	89.7	89.8	89.8	89.9	89.9	89.9	89.9
GE 1800	54.0	66.2	73.6	80.3	85.3	86.4	88.0	88.6	89.2	89.9	90.0	90.0	90.1	90.1	90.1	90.1
GE 1500	54.4	66.7	74.1	81.0	86.0	87.1	88.8	89.3	90.0	90.7	90.8	90.8	90.9	90.9	90.9	90.9
GE 1200	54.7	67.0	74.4	81.3	86.3	87.4	89.1	89.7	90.3	91.0	91.1	91.1	91.2	91.2	91.2	91.2
GE 1000	54.9	67.3	74.8	81.7	86.7	87.9	89.7	90.2	90.9	91.6	91.7	91.7	91.8	91.8	91.8	91.8
GE 900	54.9	67.3	74.8	81.7	86.7	88.1	90.0	90.6	91.2	91.9	92.0	92.0	92.1	92.1	92.1	92.1
GE 800	55.2	67.8	75.3	82.6	87.7	89.2	91.1	91.7	92.3	93.0	93.1	93.1	93.2	93.2	93.2	93.2
GE 700	55.2	68.0	76.0	83.2	88.3	89.9	91.9	92.4	93.1	93.8	93.9	93.9	94.0	94.0	94.0	94.0
GE 600	55.2	68.0	76.1	83.4	88.7	90.2	92.2	92.8	93.4	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 500	55.2	68.0	76.2	83.6	89.3	90.9	93.6	94.1	94.8	95.4	95.6	95.7	95.8	95.8	95.8	95.8
GE 400	55.4	68.3	76.6	83.9	89.8	91.4	94.2	94.8	95.4	96.1	96.2	96.3	96.7	96.7	96.7	96.8
GE 300	55.4	68.3	76.8	84.1	90.2	92.0	95.0	95.6	96.4	97.1	97.2	97.3	97.7	97.7	97.7	97.9
GE 200	55.4	68.3	76.8	84.1	90.2	92.0	95.0	95.8	96.8	97.8	97.9	98.0	98.3	98.3	98.3	98.6
GE 100	55.4	68.3	76.8	84.1	90.2	92.0	95.0	95.8	96.8	97.9	98.2	98.3	98.8	99.0	99.0	99.4
GE 000	55.4	68.3	76.8	84.1	90.2	92.0	95.0	95.8	96.8	97.9	98.2	98.3	98.8	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.5	43.9	49.6	53.9	56.8	57.5	58.2	58.7	58.8	58.8	59.1	59.1	59.3	59.3	59.3	59.3
GE 20000	38.3	48.5	54.5	59.5	62.7	63.5	64.3	65.1	65.2	65.2	65.4	65.4	65.6	65.6	65.6	65.6
GE 18000	38.3	48.5	54.5	59.5	62.7	63.5	64.3	65.1	65.2	65.2	65.4	65.4	65.6	65.6	65.6	65.6
GE 16000	38.3	48.5	54.5	59.5	62.7	63.5	64.3	65.1	65.2	65.2	65.4	65.4	65.6	65.6	65.6	65.6
GE 14000	38.3	48.5	54.5	59.6	62.8	63.6	64.4	65.2	65.3	65.3	65.5	65.5	65.7	65.7	65.7	65.7
GE 12000	39.2	49.5	55.6	60.8	64.2	65.0	65.9	66.6	66.7	66.7	67.0	67.0	67.2	67.2	67.2	67.2
GE 10000	42.2	53.4	60.3	66.7	70.2	71.0	72.1	73.1	73.2	73.2	73.4	73.4	73.6	73.6	73.6	73.6
GE 9000	43.5	55.2	62.2	68.6	72.1	73.0	74.1	75.1	75.2	75.2	75.4	75.4	75.6	75.6	75.6	75.6
GE 8000	45.2	58.1	65.7	72.9	76.3	77.3	78.4	79.5	79.6	79.6	79.9	79.9	80.1	80.1	80.1	80.1
GE 7000	45.6	58.8	66.5	73.6	77.2	78.2	79.3	80.4	80.5	80.5	80.8	80.8	81.0	81.0	81.0	81.0
GE 6000	45.6	59.1	66.7	73.9	77.4	78.4	79.5	80.6	80.8	80.8	81.0	81.0	81.2	81.2	81.2	81.2
GE 5000	46.3	59.7	67.4	74.6	78.2	79.2	80.3	81.5	81.6	81.8	82.0	82.0	82.2	82.2	82.2	82.2
GE 4500	46.4	59.8	67.5	74.9	78.4	79.4	80.5	81.8	81.9	82.0	82.2	82.2	82.4	82.4	82.4	82.4
GE 4000	46.9	60.7	68.4	76.0	79.6	80.8	81.9	83.1	83.2	83.4	83.6	83.6	83.9	83.9	83.9	83.9
GE 3500	47.2	61.0	68.9	76.4	80.2	81.3	82.4	83.6	83.8	84.0	84.2	84.2	84.4	84.4	84.4	84.4
GE 3000	47.4	61.2	69.1	76.9	80.9	82.1	83.4	84.6	84.8	85.0	85.2	85.2	85.4	85.4	85.4	85.4
GE 2500	47.5	61.3	69.2	77.1	81.1	82.4	83.9	85.1	85.2	85.4	85.7	85.7	85.9	85.9	85.9	85.9
GE 2000	48.5	62.4	70.5	78.5	82.6	84.0	85.4	86.7	86.8	87.0	87.2	87.2	87.4	87.4	87.4	87.4
GE 1800	48.7	62.6	70.7	78.8	82.9	84.2	85.7	86.9	87.0	87.2	87.4	87.4	87.7	87.7	87.7	87.7
GE 1500	48.9	63.0	71.2	79.2	83.3	84.6	86.2	87.5	87.7	87.9	88.1	88.1	88.3	88.3	88.3	88.3
GE 1200	49.1	63.3	71.6	79.8	83.9	85.7	87.3	88.7	88.9	89.1	89.3	89.3	89.5	89.5	89.5	89.5
GE 1000	49.3	63.6	72.1	80.2	84.4	86.2	87.9	89.2	89.4	89.7	89.9	89.9	90.1	90.1	90.1	90.1
GE 900	49.4	63.8	72.7	81.1	85.5	87.5	89.2	90.5	90.8	91.0	91.2	91.2	91.4	91.4	91.4	91.4
GE 800	49.6	64.2	73.3	82.1	86.7	88.9	90.5	91.9	92.1	92.3	92.5	92.5	92.8	92.8	92.8	92.8
GE 700	49.8	64.5	73.7	82.5	87.1	89.3	91.0	92.3	92.5	92.8	93.0	93.0	93.2	93.2	93.2	93.2
GE 600	49.8	64.6	74.0	82.9	87.7	89.9	91.5	92.9	93.1	93.3	93.5	93.5	93.8	93.8	93.8	93.8
GE 500	49.8	64.6	74.1	83.2	88.7	91.0	92.9	94.3	94.5	94.9	95.2	95.2	95.4	95.4	95.4	95.4
GE 400	49.9	64.7	74.4	84.0	89.7	92.1	94.1	95.8	96.1	96.7	97.1	97.1	97.4	97.4	97.4	97.4
GE 300	49.9	64.7	74.4	84.0	89.8	92.3	94.7	96.3	96.7	97.4	98.2	98.2	98.7	98.7	98.7	98.9
GE 200	49.9	64.7	74.4	84.0	89.8	92.3	94.9	96.6	96.9	97.8	98.7	98.7	99.1	99.1	99.2	99.4
GE 100	49.9	64.7	74.4	84.0	89.8	92.3	94.9	96.6	96.9	97.9	98.8	98.8	99.3	99.3	99.4	100.0
GE 000	49.9	64.7	74.4	84.0	89.8	92.3	94.9	96.6	96.9	97.9	98.8	98.8	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	54.8	58.9	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000	49.0	61.6	66.6	68.7	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 18000	49.0	61.6	66.6	68.7	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000	49.1	61.7	66.7	68.8	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 14000	49.2	62.0	67.0	69.1	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 12000	50.3	63.3	68.3	70.4	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 10000	53.0	67.2	73.2	75.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 9000	53.4	67.9	73.9	76.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	55.4	70.4	77.0	80.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	55.7	70.8	77.3	80.3	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	55.8	70.9	77.4	80.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 5000	56.2	71.8	78.4	81.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	56.4	72.2	78.9	81.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	57.7	73.6	80.6	83.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	58.7	74.6	81.6	84.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	59.8	76.2	83.6	86.9	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2500	60.4	76.9	84.3	87.9	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	61.4	78.1	85.6	89.2	90.7	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	61.4	78.1	85.7	89.4	90.9	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	62.1	78.8	86.6	90.6	92.1	92.3	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	62.7	79.4	87.3	91.7	93.7	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	62.9	79.7	87.8	92.2	94.3	94.6	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	63.2	80.0	88.2	92.7	95.0	95.2	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	63.2	80.1	88.6	93.0	95.4	95.7	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	63.3	80.2	88.7	93.1	95.7	95.9	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 600	63.3	80.4	89.0	93.4	96.0	96.2	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	63.6	80.8	89.4	94.2	96.9	97.2	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	63.6	80.8	89.4	94.6	97.4	98.2	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	63.6	80.8	89.4	94.6	97.6	98.3	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	63.6	80.8	89.4	94.6	97.6	98.3	98.9	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	63.6	80.8	89.4	94.6	97.6	98.3	98.9	99.4	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	63.6	80.8	89.4	94.6	97.6	98.3	98.9	99.4	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	49.9	53.7	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	46.4	57.1	61.8	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 18000	46.7	57.3	62.0	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	46.8	57.4	62.1	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	47.3	58.0	62.7	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 12000	47.4	58.1	62.9	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 10000	50.6	62.9	68.1	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	51.0	63.6	68.8	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 8000	54.8	67.8	73.3	75.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 7000	55.2	68.2	73.9	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	55.8	68.9	74.6	76.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	57.1	71.2	77.0	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4500	58.1	72.6	78.3	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4000	60.8	76.3	83.2	85.0	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	64.1	79.9	87.0	89.1	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3000	65.6	81.8	89.2	91.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	66.1	82.3	89.8	92.2	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	66.7	83.0	90.6	93.0	94.2	94.3	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	66.7	83.1	90.7	93.1	94.3	94.4	94.6	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	67.6	84.0	91.7	94.1	95.3	95.4	95.6	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	68.1	84.6	92.2	94.7	96.0	96.1	96.2	96.2	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	68.3	84.8	92.4	95.0	96.3	96.6	96.7	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	68.6	85.0	92.7	95.2	96.6	96.8	96.9	96.9	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	68.8	85.3	93.2	96.2	97.6	97.8	97.9	97.9	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	68.8	85.6	93.6	96.8	98.1	98.3	98.4	98.4	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	68.8	85.7	93.7	97.0	98.3	98.7	98.8	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	68.8	85.7	93.7	97.2	98.8	99.1	99.2	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	68.8	85.7	93.7	97.2	98.8	99.1	99.3	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	68.8	85.7	93.7	97.2	98.8	99.1	99.3	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	68.8	85.7	93.7	97.2	98.8	99.1	99.3	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	68.8	85.7	93.7	97.2	98.8	99.1	99.3	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	68.8	85.7	93.7	97.2	98.8	99.1	99.3	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	50.0	53.3	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	49.4	59.1	64.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	49.6	59.2	64.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	49.8	59.4	64.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	50.0	59.8	65.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	50.6	60.3	65.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 10000	54.0	64.6	70.2	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	56.1	66.7	72.3	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 8000	58.2	69.6	75.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 7000	60.2	71.6	77.6	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 6000	60.6	72.3	78.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 5000	61.6	73.8	80.1	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4500	62.3	74.8	81.1	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000	66.0	79.8	86.6	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	68.4	82.6	89.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	70.2	84.4	91.7	93.9	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	70.8	85.1	92.3	94.7	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	70.9	85.3	92.7	95.1	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
GE 1800	70.9	85.4	92.8	95.2	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
GE 1500	71.2	85.8	93.2	95.8	96.4	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 1200	71.2	85.8	93.2	95.8	96.4	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 1000	71.3	85.9	93.3	95.9	96.8	96.9	97.2	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6
GE 900	71.3	86.1	93.7	96.2	97.1	97.2	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9
GE 800	71.4	86.2	93.8	96.4	97.4	97.6	97.9	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2
GE 700	71.4	86.3	93.9	96.8	98.0	98.2	98.6	98.7	98.7	98.8	98.9	98.9	99.1	99.1	99.1	99.1
GE 600	71.4	86.3	93.9	96.9	98.3	98.6	98.9	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 500	71.4	86.3	93.9	96.9	98.6	98.8	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8
GE 400	71.4	86.3	93.9	96.9	98.6	98.8	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8
GE 300	71.4	86.3	93.9	96.9	98.6	98.8	99.2	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 200	71.4	86.3	93.9	96.9	98.6	98.8	99.2	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	71.4	86.3	93.9	96.9	98.6	98.8	99.2	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	71.4	86.3	93.9	96.9	98.6	98.8	99.2	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.4	48.0	51.2	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000	48.9	59.3	64.0	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 18000	48.9	59.3	64.0	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 16000	49.0	59.4	64.1	65.9	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 14000	49.4	59.9	64.8	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	50.1	60.6	65.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	52.7	64.2	69.6	71.6	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	54.1	65.7	71.0	73.0	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 8000	57.8	69.8	75.3	77.8	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 7000	58.9	71.2	76.9	79.4	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	59.7	72.0	77.7	80.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 5000	60.6	73.0	78.7	81.3	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	61.6	74.3	80.0	82.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	64.3	77.8	83.9	86.8	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	65.7	79.8	86.1	89.0	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 3000	67.0	81.3	87.7	91.2	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	67.1	81.4	87.9	91.4	93.1	93.1	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2000	67.3	81.7	88.1	91.8	93.6	93.6	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	67.3	81.7	88.1	91.8	93.6	93.6	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	67.4	81.8	88.2	92.1	94.0	94.1	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	67.4	81.9	88.7	92.6	94.4	94.6	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	67.6	82.1	89.0	93.2	95.4	95.7	96.2	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 900	67.6	82.1	89.0	93.2	95.4	95.7	96.2	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 800	67.7	82.6	89.4	93.9	96.1	96.3	97.0	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE 700	67.8	82.7	89.6	94.0	96.2	96.4	97.1	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 600	67.8	82.7	89.7	94.1	96.3	96.6	97.2	97.6	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 500	67.9	83.0	90.0	94.4	97.0	97.2	98.1	98.4	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 400	67.9	83.0	90.0	94.6	97.1	97.3	98.3	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	67.9	83.0	90.0	94.6	97.1	97.3	98.3	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	67.9	83.0	90.0	94.6	97.1	97.3	98.3	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	67.9	83.0	90.0	94.6	97.1	97.3	98.3	98.9	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	67.9	83.0	90.0	94.6	97.1	97.3	98.3	98.9	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.5	52.8	58.0	60.3	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 20000	51.4	60.5	66.9	69.6	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 18000	51.6	60.8	67.1	69.8	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 16000	51.6	60.8	67.1	69.8	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 14000	51.6	60.8	67.1	69.8	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 12000	51.8	61.0	67.6	70.2	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	55.2	64.8	71.5	74.5	75.5	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	56.3	65.9	72.6	75.6	76.6	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 8000	59.5	69.5	76.6	80.0	81.2	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 7000	60.5	70.5	77.7	81.2	82.5	82.6	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000	60.8	70.7	77.9	81.5	83.1	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 5000	62.1	72.0	79.7	83.5	85.1	85.2	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	64.0	74.0	81.8	85.7	87.3	87.5	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 4000	65.1	75.9	83.9	88.2	89.9	90.1	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 3500	66.3	77.5	85.5	89.7	91.4	91.6	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	67.1	78.3	86.4	90.6	92.3	92.5	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	67.2	78.4	86.6	90.9	92.5	92.8	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	67.2	78.5	86.8	91.3	93.0	93.2	93.6	94.0	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2
GE 1800	67.2	78.5	86.8	91.3	93.0	93.2	93.6	94.0	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2
GE 1500	67.3	78.7	87.2	91.6	93.5	93.8	94.3	94.6	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9
GE 1200	67.4	78.8	87.5	92.1	94.3	94.5	95.1	95.4	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7
GE 1000	67.4	78.9	87.7	92.3	94.6	94.9	95.4	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0
GE 900	67.8	79.3	88.1	92.6	95.0	95.2	95.8	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3
GE 800	67.8	79.3	88.3	92.9	95.2	95.4	96.0	96.3	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5
GE 700	67.8	79.3	88.3	92.9	95.2	95.4	96.0	96.3	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5
GE 600	67.8	79.3	88.4	93.0	95.4	95.7	96.2	96.5	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8
GE 500	67.9	79.6	88.7	93.4	96.1	96.3	96.9	97.2	97.2	97.2	97.7	97.8	97.8	97.8	97.8	97.8
GE 400	68.0	79.8	89.1	94.1	97.1	97.3	97.9	98.2	98.2	98.2	98.7	98.8	98.8	98.8	98.8	98.8
GE 300	68.0	79.8	89.1	94.1	97.1	97.3	98.0	98.3	98.3	98.3	98.8	98.9	98.9	98.9	98.9	98.9
GE 200	68.0	79.8	89.2	94.3	97.3	97.5	98.2	98.7	98.7	98.7	99.2	99.3	99.3	99.3	99.3	99.3
GE 100	68.0	79.8	89.2	94.3	97.3	97.5	98.3	98.8	98.8	98.9	99.4	99.6	99.6	99.6	99.7	99.8
GE 000	68.0	79.8	89.2	94.3	97.3	97.5	98.3	98.8	98.8	98.9	99.4	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.3	49.5	53.8	56.2	57.3	57.5	57.6	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	46.8	56.9	62.3	65.1	66.5	66.8	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	46.9	56.9	62.3	65.2	66.6	66.9	67.0	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4
GE 16000	47.0	57.0	62.4	65.2	66.7	66.9	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 14000	47.1	57.3	62.7	65.5	67.0	67.2	67.4	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8
GE 12000	47.6	57.8	63.3	66.2	67.7	68.0	68.2	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
GE 10000	50.4	61.7	67.6	70.9	72.4	72.7	73.0	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5
GE 9000	51.6	63.1	69.0	72.3	73.9	74.2	74.4	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
GE 8000	54.3	66.5	72.9	76.6	78.3	78.6	78.9	79.1	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 7000	55.2	67.5	73.9	77.6	79.4	79.7	80.0	80.2	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
GE 6000	55.4	67.9	74.3	78.0	79.8	80.1	80.4	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0
GE 5000	56.3	69.0	75.6	79.4	81.2	81.5	81.8	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	57.2	70.1	76.8	80.7	82.5	82.8	83.1	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7
GE 4000	59.0	72.7	79.8	83.8	85.9	86.2	86.5	86.8	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 3500	60.4	74.4	81.5	85.7	87.8	88.1	88.5	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	61.4	75.5	82.8	87.2	89.4	89.8	90.2	90.5	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9
GE 2500	61.7	75.8	83.2	87.6	90.1	90.5	90.9	91.2	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 2000	62.1	76.4	83.9	88.4	90.8	91.3	91.8	92.1	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6
GE 1800	62.1	76.5	84.0	88.5	91.0	91.4	92.0	92.3	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7
GE 1500	62.5	76.9	84.5	89.1	91.6	92.1	92.7	93.0	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5
GE 1200	62.7	77.2	84.9	89.6	92.2	92.7	93.4	93.7	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2
GE 1000	62.9	77.4	85.2	90.0	92.7	93.3	94.0	94.3	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8
GE 900	63.0	77.6	85.4	90.2	93.1	93.7	94.4	94.7	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2
GE 800	63.1	77.8	85.8	90.9	93.7	94.4	95.1	95.5	95.6	95.7	95.9	95.9	96.0	96.0	96.0	96.0
GE 700	63.2	78.0	86.0	91.2	94.1	94.7	95.5	95.8	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.4
GE 600	63.2	78.1	86.2	91.4	94.4	95.1	95.9	96.2	96.4	96.6	96.7	96.8	96.9	96.9	96.9	96.9
GE 500	63.3	78.2	86.5	91.8	95.1	95.8	96.7	97.1	97.3	97.5	97.7	97.7	97.9	97.9	97.9	97.9
GE 400	63.3	78.3	86.6	92.1	95.6	96.3	97.3	97.8	98.0	98.2	98.5	98.5	98.7	98.7	98.7	98.7
GE 300	63.3	78.3	86.7	92.2	95.7	96.5	97.6	98.1	98.4	98.7	98.9	99.0	99.1	99.1	99.2	99.2
GE 200	63.3	78.3	86.7	92.2	95.7	96.5	97.7	98.3	98.5	98.9	99.2	99.2	99.4	99.4	99.5	99.5
GE 100	63.3	78.3	86.7	92.2	95.7	96.5	97.7	98.3	98.6	99.0	99.3	99.3	99.6	99.6	99.7	99.8
GE 000	63.3	78.3	86.7	92.2	95.7	96.5	97.7	98.3	98.6	99.0	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7196

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.1	39.1	46.8	52.2	54.5	54.9	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 20000	35.7	46.7	54.9	61.7	64.5	64.9	65.9	66.0	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	35.7	46.7	54.9	61.7	64.5	64.9	65.9	66.0	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	35.7	46.7	54.9	61.7	64.5	64.9	65.9	66.0	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 14000	36.0	47.0	55.3	62.3	65.2	65.6	66.6	66.7	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	36.7	47.7	56.2	63.3	66.2	66.7	67.6	67.7	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	39.0	51.6	61.2	68.7	71.8	72.3	73.3	73.4	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000	40.9	53.5	63.1	70.6	73.8	74.2	75.3	75.4	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 8000	44.8	57.7	67.7	75.4	79.0	79.8	80.9	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 7000	45.4	58.3	68.8	76.7	80.3	81.1	82.2	82.3	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000	45.4	58.3	69.0	76.9	80.5	81.3	82.4	82.5	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000	46.1	59.2	70.5	78.4	82.0	82.8	83.9	84.0	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500	46.3	59.5	70.8	78.7	82.4	83.1	84.2	84.3	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	47.8	61.5	73.5	82.0	86.2	87.0	88.1	88.3	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	48.5	62.4	74.4	83.4	87.6	88.4	89.7	89.9	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000	49.0	63.2	75.5	84.5	89.1	90.0	91.3	91.5	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	49.4	63.7	76.0	85.1	89.8	90.6	91.9	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	49.4	63.7	76.0	85.3	90.0	91.0	92.3	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	49.4	63.7	76.0	85.3	90.1	91.1	92.4	92.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	49.9	64.3	76.8	86.5	91.5	92.5	93.9	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	51.0	65.5	78.1	88.0	93.0	94.0	95.4	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	52.3	66.8	79.5	89.5	94.5	95.5	97.0	97.3	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	52.3	66.8	79.5	89.5	94.5	95.5	97.0	97.3	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	52.6	67.1	79.8	89.8	95.1	96.0	97.5	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	52.6	67.1	79.9	90.0	95.3	96.2	97.7	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	52.6	67.1	79.9	90.0	95.3	96.2	97.7	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	52.6	67.1	79.9	90.0	95.3	96.2	97.7	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	52.6	67.3	80.1	90.2	95.5	96.5	98.3	98.6	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	52.6	67.3	80.1	90.3	95.7	96.7	98.5	98.8	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	52.6	67.3	80.1	90.3	95.7	96.7	98.5	98.8	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	52.6	67.3	80.1	90.3	95.7	96.7	98.5	98.9	99.1	99.5	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	52.6	67.3	80.1	90.3	95.7	96.7	98.5	98.9	99.1	99.5	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.3	31.1	38.9	45.8	52.3	54.3	55.7	56.3	56.7	57.1	57.1	57.1	57.2	57.2	57.2	57.2
GE 20000	26.0	35.8	44.8	53.4	61.3	63.7	65.5	66.6	66.9	67.5	67.7	67.7	67.8	67.8	67.8	68.0
GE 18000	26.0	35.8	44.8	53.4	61.3	63.7	65.5	66.6	66.9	67.5	67.7	67.7	67.8	67.8	67.8	68.0
GE 16000	26.0	35.8	44.8	53.4	61.3	63.7	65.5	66.6	66.9	67.5	67.7	67.7	67.8	67.8	67.8	68.0
GE 14000	26.3	36.1	45.2	53.8	61.7	64.1	65.9	67.0	67.3	68.0	68.2	68.2	68.3	68.3	68.3	68.4
GE 12000	26.8	36.7	46.0	54.8	62.8	65.3	67.3	68.4	68.7	69.4	69.6	69.6	69.7	69.7	69.7	69.8
GE 10000	28.0	38.6	48.9	58.5	66.7	69.2	71.8	72.9	73.2	73.9	74.2	74.2	74.4	74.4	74.4	74.5
GE 9000	29.0	39.7	50.1	59.8	68.0	70.5	73.1	74.3	74.6	75.3	75.6	75.6	75.8	75.8	75.8	75.9
GE 8000	32.2	43.1	54.3	64.1	72.3	74.8	77.6	79.0	79.4	80.0	80.4	80.4	80.6	80.6	80.6	80.8
GE 7000	33.0	44.1	55.4	65.2	73.4	76.2	79.0	80.4	80.8	81.4	81.8	81.8	82.0	82.0	82.0	82.2
GE 6000	33.3	44.5	55.8	65.6	73.9	76.7	79.5	80.9	81.2	81.8	82.3	82.3	82.5	82.5	82.5	82.6
GE 5000	33.4	44.8	56.2	66.0	74.3	77.1	79.9	81.3	81.6	82.3	82.7	82.7	82.9	82.9	82.9	83.0
GE 4500	33.8	45.2	56.6	66.5	74.8	77.6	80.4	81.8	82.2	82.8	83.2	83.2	83.4	83.4	83.4	83.5
GE 4000	35.4	46.8	58.5	68.5	77.2	80.2	83.2	84.7	85.2	85.8	86.2	86.2	86.5	86.5	86.5	86.6
GE 3500	35.8	47.3	59.0	69.2	78.1	81.2	84.2	85.7	86.1	86.8	87.2	87.2	87.4	87.4	87.4	87.5
GE 3000	36.5	48.3	60.3	70.5	79.4	82.5	85.5	87.0	87.4	88.2	88.6	88.6	88.8	88.8	88.8	88.9
GE 2500	36.6	48.7	60.8	71.1	79.9	83.0	86.0	87.5	88.0	88.7	89.1	89.1	89.4	89.4	89.4	89.5
GE 2000	37.1	49.2	61.3	71.7	80.5	83.7	86.7	88.2	88.6	89.4	89.8	89.8	90.0	90.0	90.1	90.2
GE 1800	37.2	49.5	61.5	71.9	80.8	83.9	86.9	88.4	88.8	89.6	90.0	90.0	90.2	90.2	90.3	90.4
GE 1500	37.6	50.0	62.2	72.9	81.7	84.8	88.1	89.6	90.0	90.8	91.2	91.2	91.4	91.4	91.5	91.6
GE 1200	38.8	51.3	63.8	74.7	83.8	86.9	90.1	91.7	92.2	92.9	93.4	93.4	93.7	93.7	93.8	93.9
GE 1000	39.4	52.2	64.7	75.7	84.7	87.8	91.1	92.8	93.2	94.1	94.7	94.7	94.9	94.9	95.1	95.2
GE 900	39.4	52.5	65.1	76.0	85.2	88.3	91.5	93.2	93.7	94.5	95.2	95.2	95.4	95.4	95.5	95.6
GE 800	39.5	52.6	65.2	76.1	85.7	88.8	92.2	93.9	94.3	95.2	95.8	95.8	96.0	96.0	96.1	96.2
GE 700	39.5	52.6	65.2	76.1	85.8	88.9	92.3	94.0	94.4	95.3	95.9	95.9	96.1	96.1	96.2	96.3
GE 600	39.5	52.7	65.6	76.7	86.5	89.6	92.9	94.6	95.1	95.9	96.6	96.6	96.8	96.8	96.9	97.0
GE 500	39.8	53.1	66.0	77.2	87.0	90.3	93.7	95.4	95.8	96.8	97.4	97.4	97.6	97.6	97.7	97.8
GE 400	39.8	53.2	66.1	77.3	87.1	90.4	94.0	95.9	96.3	97.5	98.3	98.3	98.5	98.5	98.6	98.7
GE 300	39.8	53.2	66.1	77.4	87.2	90.5	94.3	96.2	96.7	97.8	98.6	98.6	98.8	98.8	98.9	99.0
GE 200	39.8	53.2	66.1	77.4	87.3	90.6	94.4	96.6	97.0	98.2	98.9	98.9	99.1	99.1	99.2	99.4
GE 100	39.8	53.2	66.1	77.4	87.3	90.6	94.4	96.6	97.0	98.2	99.0	99.0	99.4	99.4	99.6	99.9
GE 000	39.8	53.2	66.1	77.4	87.3	90.6	94.4	96.6	97.0	98.2	99.0	99.0	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.0	28.2	36.9	43.7	48.8	51.0	52.2	53.5	53.7	54.3	54.6	54.6	54.6	54.6	54.6	54.6
GE 20000	22.5	31.6	41.3	49.3	55.1	58.2	59.7	61.5	61.7	62.3	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000	22.5	31.6	41.3	49.3	55.1	58.2	59.7	61.5	61.7	62.3	62.8	62.8	62.8	62.8	62.8	62.8
GE 16000	22.5	31.6	41.3	49.3	55.1	58.2	59.7	61.5	61.7	62.3	62.8	62.8	62.8	62.8	62.8	62.8
GE 14000	22.9	32.1	41.8	49.7	55.5	58.7	60.2	61.9	62.1	62.8	63.2	63.2	63.2	63.2	63.2	63.2
GE 12000	23.1	32.5	42.8	51.0	57.1	60.3	61.8	63.9	64.2	64.8	65.2	65.2	65.2	65.2	65.2	65.2
GE 10000	24.3	34.1	44.7	53.7	60.8	64.3	65.9	68.2	68.5	69.2	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	25.7	36.3	47.1	56.2	63.5	67.0	68.7	71.0	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4
GE 8000	28.2	39.6	50.7	60.4	67.9	71.7	73.5	76.0	76.2	77.0	77.4	77.4	77.4	77.4	77.4	77.4
GE 7000	29.3	40.8	52.1	62.1	69.8	73.8	75.9	78.6	78.8	79.5	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	29.6	41.1	52.4	62.6	70.3	74.4	76.5	79.2	79.4	80.3	80.7	80.7	80.7	80.7	80.7	80.7
GE 5000	30.7	42.4	53.7	63.9	71.6	75.7	77.8	80.5	80.7	81.6	82.0	82.0	82.0	82.0	82.0	82.0
GE 4500	30.9	43.2	54.6	64.8	72.7	76.7	79.0	81.7	81.9	82.8	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	31.5	44.1	55.5	65.9	73.8	77.9	80.3	83.0	83.4	84.3	84.7	84.7	84.7	84.7	84.7	84.7
GE 3500	32.0	44.7	56.1	66.4	74.6	78.7	81.1	83.7	84.2	85.0	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	32.3	45.1	56.5	67.0	75.6	79.7	82.0	84.7	85.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5
GE 2500	32.4	45.4	56.8	67.3	75.9	80.0	82.3	85.0	85.5	86.4	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	33.3	46.4	57.8	68.2	77.2	81.3	83.6	86.3	86.8	87.7	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	33.7	46.8	58.2	68.8	77.7	81.8	84.2	86.9	87.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	35.0	48.2	59.7	70.5	79.7	83.7	86.1	88.8	89.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	35.6	49.0	60.6	71.9	81.3	85.4	87.7	90.4	90.9	91.8	92.4	92.4	92.4	92.4	92.4	92.4
GE 1000	36.1	49.6	61.5	72.9	82.5	86.5	88.9	91.6	92.0	93.0	93.6	93.6	93.6	93.6	93.6	93.6
GE 900	36.1	49.6	61.5	72.9	82.8	86.9	89.3	92.0	92.5	93.4	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	36.1	49.6	61.6	73.0	83.1	87.2	89.7	92.6	93.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6
GE 700	36.3	49.8	62.1	73.7	84.1	88.3	90.7	93.6	94.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	36.3	49.8	62.2	74.1	84.5	88.7	91.2	94.1	94.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	36.5	50.1	62.5	74.4	85.0	89.3	91.9	95.4	95.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	36.5	50.1	62.5	74.4	85.0	89.3	92.1	95.6	96.1	97.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 300	36.5	50.1	62.5	74.4	85.0	89.3	92.1	95.6	96.4	97.8	98.9	98.9	99.0	99.0	99.1	99.1
GE 200	36.5	50.1	62.5	74.4	85.1	89.5	92.4	95.9	96.9	98.4	99.5	99.5	99.6	99.6	99.7	99.8
GE 100	36.5	50.1	62.5	74.4	85.1	89.5	92.4	95.9	96.9	98.5	99.6	99.6	99.7	99.7	99.9	100.0
GE 000	36.5	50.1	62.5	74.4	85.1	89.5	92.4	95.9	96.9	98.5	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.4	42.9	50.2	53.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 20000	36.6	49.0	58.3	63.4	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	36.6	49.0	58.3	63.5	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	36.6	49.0	58.3	63.5	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	37.1	49.7	58.9	64.4	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	38.0	51.2	60.6	66.2	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 10000	39.2	53.3	63.2	69.1	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	40.1	54.3	64.2	70.2	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 8000	43.4	58.1	68.6	75.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 7000	44.0	58.7	69.2	76.1	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	44.1	58.8	69.4	76.2	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 5000	45.4	60.2	70.8	77.6	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	45.7	60.5	71.3	78.2	81.5	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000	46.3	61.4	72.4	79.8	83.3	83.5	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	47.0	62.5	73.4	80.9	84.4	84.6	84.7	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	49.0	65.7	77.1	84.9	88.6	88.8	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	49.2	66.2	78.1	86.1	89.8	90.0	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	49.7	67.0	79.0	87.2	90.9	91.1	91.2	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	50.1	67.5	79.8	88.0	91.6	91.8	92.0	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1500	50.3	67.8	80.3	88.8	92.6	92.8	93.0	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	51.5	69.4	81.9	90.9	94.7	94.9	95.2	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	51.8	69.8	82.5	91.7	95.6	95.8	96.1	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	51.8	70.2	83.0	92.4	96.2	96.6	96.9	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	51.8	70.2	83.2	92.8	96.7	97.0	97.3	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	51.8	70.2	83.2	92.9	97.0	97.3	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	51.8	70.2	83.3	93.0	97.5	98.0	98.3	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	51.8	70.3	83.7	93.4	98.0	98.4	98.8	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	51.8	70.3	83.7	93.4	98.0	98.4	98.8	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	51.8	70.3	83.7	93.4	98.2	98.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	51.8	70.3	83.7	93.4	98.2	98.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	51.8	70.3	83.7	93.4	98.2	98.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	51.8	70.3	83.7	93.4	98.2	98.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.3	41.5	47.4	50.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	42.4	51.2	58.5	61.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000	42.5	51.3	58.6	61.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 16000	42.5	51.3	58.6	61.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 14000	43.0	51.8	59.1	62.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	43.7	52.5	60.0	63.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 10000	45.8	56.0	63.7	68.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	46.9	57.1	64.9	69.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	49.0	59.5	68.5	73.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 7000	49.4	59.9	68.9	73.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	49.5	60.2	69.6	74.5	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 5000	50.6	61.8	71.4	76.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	51.6	62.8	72.5	77.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000	54.0	66.6	76.5	82.0	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	55.8	68.6	78.8	84.7	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	58.7	72.6	84.3	91.1	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	59.0	73.0	85.1	91.9	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	59.8	73.9	85.9	92.8	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	59.8	73.9	85.9	92.8	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	59.9	74.0	86.1	93.1	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	60.3	74.4	86.9	94.0	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	60.6	74.7	87.2	94.3	97.7	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	60.8	74.8	87.4	94.5	98.0	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	60.8	74.8	87.5	94.9	98.4	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	60.8	74.8	87.5	94.9	98.4	98.6	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	60.8	74.8	87.5	95.2	98.7	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	60.8	74.8	87.6	95.4	98.9	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	60.8	74.8	87.6	95.4	98.9	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	60.8	74.8	87.6	95.4	98.9	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	60.8	74.8	87.6	95.4	98.9	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	60.8	74.8	87.6	95.4	98.9	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	60.8	74.8	87.6	95.4	98.9	99.1	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.2	44.4	49.2	51.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 20000	42.6	53.9	60.4	63.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	42.7	54.0	60.6	63.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	42.7	54.0	60.6	63.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	42.7	54.2	61.0	63.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	44.0	55.6	62.5	65.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	47.5	60.4	67.5	70.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	48.4	61.5	68.6	71.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 8000	51.2	65.5	74.0	77.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 7000	51.8	66.5	74.9	78.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 6000	52.4	67.2	75.7	79.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 5000	53.4	68.4	77.2	81.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	53.8	68.8	77.8	81.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	55.6	71.2	80.6	85.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3500	56.9	73.0	82.9	88.4	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	59.1	76.0	87.2	93.1	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	59.6	76.5	87.6	93.5	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	60.1	77.1	88.3	94.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	60.1	77.1	88.4	94.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	60.1	77.1	88.6	94.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	60.3	77.4	89.4	95.5	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	60.4	77.5	89.5	95.7	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	60.5	77.6	89.6	95.8	98.4	98.5	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	60.5	77.6	89.6	95.8	98.4	98.5	98.5	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	60.5	77.6	89.6	95.9	98.6	98.7	98.7	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	60.6	77.7	89.7	96.0	98.7	98.8	98.8	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	60.6	77.7	89.7	96.0	98.8	99.0	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	60.6	77.7	89.7	96.0	98.8	99.0	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	60.6	77.7	89.7	96.0	98.8	99.0	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	60.6	77.7	89.7	96.0	98.8	99.0	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	60.6	77.7	89.7	96.0	98.8	99.0	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	60.6	77.7	89.7	96.0	98.8	99.0	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.9	45.8	49.6	52.2	53.7	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	44.3	55.7	61.8	65.7	67.5	67.8	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 18000	44.4	55.8	62.0	66.1	68.0	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 16000	44.4	55.8	62.0	66.1	68.0	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 14000	44.4	55.8	62.2	66.2	68.2	68.5	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	45.8	57.8	64.3	68.8	70.8	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	49.4	62.9	69.7	74.4	76.3	76.7	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	50.9	64.5	71.5	76.2	78.2	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 8000	53.7	68.2	76.3	81.2	83.2	83.5	83.5	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 7000	54.3	69.0	77.3	82.3	84.3	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 6000	54.5	69.4	77.6	82.6	84.6	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 5000	55.1	70.2	78.8	83.9	85.9	86.2	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4500	55.8	71.2	79.8	84.8	86.9	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000	57.8	74.0	83.1	88.5	91.1	91.4	91.5	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	58.6	74.7	84.3	89.8	92.4	92.7	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	59.6	75.9	85.7	91.3	94.1	94.5	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	59.6	75.9	85.8	91.4	94.3	94.7	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	59.9	76.3	86.2	91.8	94.7	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	59.9	76.3	86.3	91.9	94.8	95.3	95.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	60.1	76.9	86.9	92.6	95.5	95.9	96.2	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	60.3	77.1	87.2	93.0	96.0	96.6	96.9	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	60.5	77.4	87.5	93.5	97.0	97.5	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	60.5	77.5	87.7	93.8	97.3	97.8	98.3	98.6	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	60.8	77.7	88.0	94.0	97.5	98.1	98.5	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.5
GE 700	60.8	77.7	88.1	94.1	97.6	98.2	98.6	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.6
GE 600	60.8	77.7	88.1	94.1	97.7	98.3	98.7	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.7
GE 500	60.8	77.7	88.1	94.1	98.0	98.5	98.9	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	60.8	77.7	88.1	94.1	98.0	98.5	99.0	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	60.8	77.7	88.1	94.1	98.0	98.5	99.0	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	60.8	77.7	88.1	94.1	98.0	98.5	99.0	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	60.8	77.7	88.1	94.1	98.0	98.5	99.0	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	60.8	77.7	88.1	94.1	98.0	98.5	99.0	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.0	43.7	49.1	53.9	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 20000	40.9	51.5	57.6	63.5	66.2	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	40.9	51.5	57.6	63.5	66.2	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	40.9	51.5	57.6	63.5	66.2	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	40.9	51.5	57.6	63.7	66.3	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	41.4	52.6	58.7	64.8	67.5	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	44.6	57.2	64.2	70.9	73.8	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	45.8	58.6	65.8	72.5	75.4	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000	48.5	61.9	70.3	77.1	80.2	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 7000	48.7	62.3	71.1	78.0	81.1	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 6000	48.8	62.4	71.2	78.1	81.2	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 5000	49.4	63.1	72.0	79.4	82.5	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	50.0	63.9	72.8	80.2	83.3	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	51.9	66.8	76.2	83.8	87.1	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	53.0	68.2	77.8	85.5	88.9	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	54.0	69.6	79.4	87.0	90.8	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	54.1	69.7	79.7	87.6	91.5	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	54.4	70.0	80.3	88.3	92.2	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	54.5	70.1	80.4	88.5	92.4	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	54.9	70.6	81.0	89.0	93.4	94.2	95.3	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	56.3	72.0	82.4	90.4	94.8	95.6	96.7	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	57.1	72.9	83.4	92.0	96.5	97.3	98.4	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	57.2	73.0	83.5	92.2	96.6	97.4	98.5	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	57.2	73.0	83.5	92.3	96.7	97.5	98.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	57.3	73.1	83.7	92.4	96.8	97.6	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	57.3	73.1	83.7	92.4	97.0	97.8	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	57.3	73.1	83.7	92.4	97.0	97.8	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	57.3	73.1	83.7	92.4	97.0	97.8	99.0	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	57.3	73.1	83.7	92.4	97.0	97.8	99.0	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	57.3	73.2	83.8	92.6	97.2	98.1	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 100	57.3	73.2	83.8	92.6	97.2	98.1	99.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	57.3	73.2	83.8	92.6	97.2	98.1	99.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.1	39.6	46.0	50.4	53.1	53.8	54.2	54.5	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8
GE 20000	36.4	46.9	54.7	60.2	63.4	64.3	64.8	65.2	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	36.4	47.0	54.8	60.4	63.6	64.4	65.0	65.4	65.5	65.7	65.7	65.7	65.8	65.8	65.8	65.8
GE 16000	36.4	47.0	54.8	60.4	63.6	64.4	65.0	65.4	65.5	65.7	65.7	65.7	65.8	65.8	65.8	65.8
GE 14000	36.7	47.3	55.1	60.8	64.1	64.9	65.5	65.9	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	37.4	48.3	56.4	62.3	65.6	66.5	67.1	67.5	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9
GE 10000	39.7	51.8	60.4	66.8	70.3	71.3	72.0	72.4	72.5	72.8	72.9	72.9	72.9	72.9	72.9	72.9
GE 9000	41.0	53.2	61.9	68.3	71.9	72.9	73.6	74.1	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5
GE 8000	43.9	56.7	66.3	73.0	76.8	77.9	78.7	79.2	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6
GE 7000	44.5	57.4	67.2	74.1	77.9	79.1	79.9	80.4	80.5	80.7	80.8	80.8	80.9	80.9	80.9	80.9
GE 6000	44.7	57.7	67.6	74.5	78.3	79.5	80.3	80.8	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 5000	45.5	58.8	68.8	75.8	79.7	80.8	81.7	82.2	82.3	82.5	82.6	82.6	82.7	82.7	82.7	82.7
GE 4500	46.0	59.4	69.5	76.5	80.4	81.6	82.4	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.5
GE 4000	47.6	61.5	72.1	79.4	83.6	84.8	85.7	86.3	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500	48.4	62.7	73.4	81.0	85.4	86.6	87.5	88.1	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.7
GE 3000	49.8	64.6	75.7	83.7	88.3	89.5	90.5	91.0	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	50.0	64.9	76.2	84.3	88.9	90.1	91.1	91.7	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.3
GE 2000	50.5	65.5	76.9	85.0	89.7	90.9	91.9	92.5	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	50.6	65.6	77.1	85.2	90.0	91.2	92.2	92.8	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	51.0	66.1	77.7	86.0	90.9	92.1	93.2	93.9	94.0	94.4	94.5	94.5	94.5	94.5	94.6	94.6
GE 1200	51.8	67.0	78.8	87.3	92.4	93.6	94.7	95.3	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.1
GE 1000	52.3	67.6	79.5	88.2	93.3	94.6	95.7	96.5	96.6	97.0	97.2	97.2	97.2	97.2	97.3	97.3
GE 900	52.3	67.8	79.7	88.4	93.6	94.9	96.0	96.8	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	52.4	67.8	79.8	88.6	93.9	95.2	96.4	97.2	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	52.4	67.9	79.9	88.8	94.2	95.5	96.7	97.4	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	52.5	67.9	80.0	88.9	94.5	95.8	97.0	97.8	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.7
GE 500	52.5	68.0	80.1	89.1	94.7	96.1	97.3	98.2	98.4	98.9	99.1	99.1	99.1	99.1	99.2	99.2
GE 400	52.5	68.0	80.2	89.2	94.8	96.1	97.5	98.4	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.5
GE 300	52.5	68.0	80.2	89.2	94.9	96.2	97.6	98.5	98.7	99.2	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	52.5	68.1	80.2	89.2	94.9	96.3	97.6	98.6	98.8	99.4	99.7	99.7	99.7	99.7	99.8	99.8
GE 100	52.5	68.1	80.2	89.2	94.9	96.3	97.6	98.6	98.8	99.4	99.7	99.7	99.8	99.8	99.9	100.0
GE 000	52.5	68.1	80.2	89.2	94.9	96.3	97.6	98.6	98.8	99.4	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.7	42.2	47.8	52.7	55.3	55.9	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	39.9	48.4	56.9	63.3	66.3	67.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	39.9	48.4	56.9	63.3	66.3	67.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	39.9	48.4	56.9	63.3	66.3	67.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	40.2	48.7	57.2	63.7	66.7	67.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 12000	41.2	49.7	58.2	64.6	67.6	68.3	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	44.7	54.0	62.9	70.0	73.7	74.3	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 9000	45.9	55.5	64.5	71.7	75.4	76.0	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 8000	47.7	58.4	68.5	75.7	79.6	80.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 7000	48.0	58.6	68.8	76.0	80.0	80.6	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 6000	48.3	58.9	69.5	76.7	80.6	81.3	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	48.5	59.2	69.8	77.3	81.4	82.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	48.6	59.6	70.1	77.6	81.7	82.4	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	49.1	60.2	71.2	79.4	83.8	84.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	50.0	62.3	73.5	81.9	86.9	87.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	50.9	63.4	74.7	83.2	88.5	89.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	50.9	63.5	74.8	83.3	88.6	89.5	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	51.2	63.9	75.2	83.7	89.1	90.0	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1800	51.3	64.0	75.3	83.8	89.2	90.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	51.7	64.7	76.0	84.6	90.1	91.0	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	52.2	65.5	77.2	85.9	91.6	92.6	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	52.4	66.0	77.8	86.9	92.9	94.0	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	52.4	66.1	78.2	87.2	93.2	94.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	52.4	66.7	78.9	88.2	94.4	95.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	52.4	66.8	79.2	88.6	94.9	96.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	52.4	66.8	79.2	88.6	94.9	96.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	52.4	66.8	79.6	88.9	95.4	96.6	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	52.4	66.8	79.6	88.9	95.4	96.6	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	52.4	66.9	79.7	89.1	95.7	96.9	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	52.4	66.9	79.7	89.1	95.7	97.0	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 100	52.4	66.9	79.7	89.1	95.7	97.0	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.8	100.0
GE 000	52.4	66.9	79.7	89.1	95.7	97.0	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.3	34.8	41.3	46.3	52.8	53.4	55.1	56.3	56.5	56.8	57.0	57.0	57.1	57.1	57.2	57.3
GE 20000	30.3	39.2	46.7	53.3	60.6	61.4	63.4	65.3	65.4	65.8	66.0	66.0	66.1	66.1	66.2	66.3
GE 18000	30.3	39.2	46.7	53.3	60.6	61.4	63.4	65.3	65.4	65.8	66.0	66.0	66.1	66.1	66.2	66.3
GE 16000	30.3	39.2	46.7	53.3	60.6	61.4	63.4	65.3	65.4	65.8	66.0	66.0	66.1	66.1	66.2	66.3
GE 14000	30.5	39.7	47.1	53.8	61.1	61.8	63.9	65.7	65.8	66.2	66.5	66.5	66.6	66.6	66.7	66.8
GE 12000	31.4	40.5	48.2	54.8	62.3	63.0	65.1	66.9	67.0	67.4	67.6	67.6	67.7	67.7	67.8	68.0
GE 10000	33.1	44.0	52.5	59.8	68.0	68.7	70.8	72.6	72.7	73.1	73.4	73.4	73.5	73.5	73.7	73.8
GE 9000	34.1	45.2	53.9	61.2	69.4	70.1	72.2	74.0	74.1	74.5	74.8	74.8	74.9	74.9	75.1	75.2
GE 8000	35.3	47.1	57.2	64.8	73.2	74.1	76.1	78.0	78.1	78.5	78.8	78.8	78.9	78.9	79.0	79.1
GE 7000	35.7	47.5	57.8	65.5	74.0	74.9	77.1	78.9	79.0	79.5	79.8	79.8	79.9	79.9	80.0	80.1
GE 6000	35.7	47.5	57.8	65.5	74.0	74.9	77.1	78.9	79.0	79.5	79.8	79.8	79.9	79.9	80.0	80.1
GE 5000	35.8	47.8	58.3	65.9	74.5	75.5	77.6	79.5	79.6	80.0	80.3	80.3	80.4	80.4	80.5	80.6
GE 4500	36.0	48.1	58.6	66.3	75.2	76.1	78.3	80.1	80.2	80.6	81.0	81.0	81.1	81.1	81.2	81.3
GE 4000	36.6	48.7	59.4	67.4	76.6	77.5	80.1	82.0	82.2	82.6	83.0	83.0	83.1	83.1	83.2	83.3
GE 3500	37.0	49.2	60.1	68.5	77.8	78.8	81.4	83.3	83.4	83.9	84.3	84.3	84.4	84.4	84.5	84.6
GE 3000	37.6	50.0	60.9	69.2	79.1	80.1	82.8	85.1	85.2	85.7	86.1	86.1	86.2	86.2	86.3	86.5
GE 2500	38.1	50.5	61.5	70.1	80.1	81.1	83.8	86.0	86.1	86.7	87.1	87.1	87.2	87.2	87.3	87.4
GE 2000	38.1	50.8	61.8	70.6	80.6	81.6	84.3	86.6	86.7	87.2	87.6	87.6	87.7	87.7	87.8	88.0
GE 1800	38.1	50.8	61.9	70.9	80.9	81.8	84.5	86.8	86.9	87.4	87.8	87.8	88.0	88.0	88.1	88.2
GE 1500	38.4	51.4	62.7	71.6	81.7	82.8	85.5	87.7	87.8	88.4	88.8	88.8	88.9	88.9	89.0	89.1
GE 1200	38.8	52.5	63.9	73.2	83.4	84.5	87.2	89.5	89.6	90.1	90.5	90.5	90.6	90.6	90.8	90.9
GE 1000	39.8	53.7	65.2	74.6	85.3	86.5	89.1	91.4	91.5	92.0	92.5	92.5	92.6	92.6	92.7	92.8
GE 900	39.9	54.0	65.6	75.1	86.0	87.3	90.0	92.3	92.4	92.9	93.3	93.3	93.4	93.4	93.5	93.7
GE 800	40.0	54.3	66.0	75.7	87.1	88.4	91.1	93.3	93.5	94.1	94.5	94.5	94.6	94.6	94.7	94.8
GE 700	40.0	54.4	66.6	76.5	88.0	89.4	92.0	94.3	94.5	95.1	95.5	95.5	95.6	95.6	95.7	95.8
GE 600	40.0	54.4	66.6	76.7	88.3	89.7	92.4	94.6	94.8	95.4	95.8	95.8	95.9	95.9	96.0	96.1
GE 500	40.0	54.6	67.0	77.4	89.1	90.5	93.2	95.5	95.7	96.2	96.7	96.7	96.8	96.8	96.9	97.0
GE 400	40.0	54.7	67.1	77.5	89.4	90.8	93.5	95.8	96.0	96.6	97.0	97.0	97.1	97.1	97.2	97.3
GE 300	40.2	54.9	67.3	77.8	89.9	91.3	94.1	96.3	96.6	97.1	97.6	97.6	97.7	97.7	97.8	98.0
GE 200	40.2	54.9	67.3	77.8	89.9	91.3	94.2	96.6	96.8	97.4	98.0	98.0	98.2	98.2	98.4	98.5
GE 100	40.2	54.9	67.3	77.8	89.9	91.3	94.2	96.7	96.9	97.7	98.4	98.4	98.6	98.7	99.1	99.7
GE 000	40.2	54.9	67.3	77.8	89.9	91.3	94.2	96.7	96.9	97.7	98.4	98.4	98.6	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.2	29.1	36.8	41.2	47.0	49.1	51.6	53.5	53.9	54.9	55.3	55.3	55.3	55.3	55.4	55.5
GE 20000	24.6	33.8	42.4	47.7	53.8	56.0	58.7	61.0	61.4	62.7	63.2	63.2	63.2	63.2	63.3	63.4
GE 18000	24.6	33.8	42.4	47.7	53.8	56.0	58.7	61.0	61.4	62.7	63.2	63.2	63.2	63.2	63.3	63.4
GE 16000	24.6	33.8	42.4	47.7	53.8	56.0	58.7	61.0	61.4	62.7	63.2	63.2	63.2	63.2	63.3	63.4
GE 14000	24.9	34.1	42.7	48.1	54.1	56.3	59.0	61.3	61.7	63.0	63.5	63.5	63.5	63.5	63.7	63.8
GE 12000	26.0	35.7	44.8	50.4	56.6	58.9	61.6	63.9	64.3	65.6	66.1	66.1	66.1	66.1	66.2	66.3
GE 10000	28.1	38.4	48.5	54.5	61.3	63.7	66.6	69.0	69.5	71.0	71.7	71.7	71.8	71.8	71.9	72.0
GE 9000	28.8	39.7	49.8	56.2	63.3	65.7	68.6	71.1	71.5	73.0	73.8	73.8	73.9	73.9	74.0	74.1
GE 8000	31.4	43.0	54.1	61.1	69.1	71.7	74.7	77.2	77.7	79.2	80.0	80.0	80.2	80.2	80.3	80.4
GE 7000	31.7	43.4	54.5	61.5	69.7	72.3	75.3	77.7	78.3	79.6	80.5	80.5	80.8	80.8	80.9	81.0
GE 6000	31.8	43.5	54.6	61.6	69.9	72.6	75.6	78.1	78.6	80.1	80.9	80.9	81.1	81.1	81.2	81.3
GE 5000	31.8	43.5	54.6	61.7	70.3	73.0	76.0	78.5	79.0	80.5	81.3	81.3	81.5	81.5	81.6	81.7
GE 4500	31.8	43.5	54.6	61.7	70.4	73.1	76.1	78.6	79.1	80.6	81.4	81.4	81.6	81.6	81.7	81.8
GE 4000	32.5	44.4	55.6	63.2	72.5	75.3	78.3	80.8	81.3	82.9	83.8	83.8	84.0	84.0	84.1	84.2
GE 3500	32.6	44.5	55.8	63.5	72.8	75.6	78.6	81.2	81.7	83.3	84.2	84.2	84.4	84.4	84.5	84.6
GE 3000	33.3	45.7	57.2	65.3	74.8	77.7	80.8	83.8	84.3	86.2	87.1	87.1	87.3	87.3	87.4	87.5
GE 2500	33.7	46.0	57.5	65.6	75.3	78.2	81.2	84.2	84.7	86.7	87.5	87.5	87.7	87.7	87.8	88.0
GE 2000	34.0	46.6	58.2	66.6	76.5	79.4	82.4	85.4	85.9	87.8	88.7	88.7	88.9	88.9	89.0	89.1
GE 1800	34.0	46.7	58.3	66.7	76.6	79.5	82.5	85.5	86.0	88.0	88.8	88.8	89.0	89.0	89.1	89.2
GE 1500	34.3	47.1	58.7	67.4	77.4	80.5	83.9	86.9	87.4	89.5	90.3	90.3	90.5	90.6	90.8	90.9
GE 1200	34.5	47.5	59.4	68.2	78.2	81.3	84.8	87.8	88.4	90.4	91.3	91.3	91.5	91.6	91.7	91.8
GE 1000	34.8	48.2	60.6	69.6	79.7	82.8	86.5	89.5	90.0	92.0	92.9	92.9	93.1	93.2	93.3	93.4
GE 900	34.9	48.3	60.8	69.7	79.8	83.0	86.7	89.7	90.2	92.3	93.1	93.1	93.3	93.4	93.5	93.7
GE 800	35.1	48.8	61.5	70.9	81.1	84.5	88.4	91.4	91.9	94.0	94.8	94.8	95.1	95.2	95.3	95.4
GE 700	35.4	49.2	61.9	71.4	81.7	85.2	89.0	92.0	92.6	94.6	95.5	95.5	95.7	95.8	95.9	96.0
GE 600	35.4	49.4	62.0	71.5	81.9	85.4	89.2	92.3	92.8	94.8	95.7	95.7	95.9	96.0	96.1	96.2
GE 500	35.5	49.9	62.7	72.6	83.0	86.5	90.4	93.5	94.1	96.2	97.1	97.1	97.3	97.4	97.5	97.6
GE 400	35.6	50.0	62.9	72.9	83.4	86.9	90.9	94.0	94.5	96.7	97.5	97.5	97.7	97.8	98.0	98.1
GE 300	35.6	50.0	62.9	72.9	83.4	86.9	91.0	94.1	94.9	97.2	98.1	98.1	98.3	98.4	98.5	98.6
GE 200	35.6	50.0	62.9	72.9	83.4	86.9	91.0	94.1	94.9	97.3	98.2	98.2	98.4	98.5	98.9	99.0
GE 100	35.6	50.0	62.9	72.9	83.4	86.9	91.0	94.1	94.9	97.3	98.3	98.3	98.5	98.7	99.1	99.7
GE 000	35.6	50.0	62.9	72.9	83.4	86.9	91.0	94.1	94.9	97.3	98.3	98.3	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.8	44.1	50.3	54.2	55.3	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 20000	41.1	51.4	58.6	62.5	63.8	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 18000	41.1	51.5	58.7	62.6	63.9	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	41.1	51.5	58.7	62.6	63.9	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	41.2	51.6	58.8	62.7	64.0	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 12000	41.9	52.7	60.0	64.0	65.6	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 10000	45.6	58.1	66.0	70.9	72.5	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 9000	46.1	58.7	67.0	71.9	73.5	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	49.0	62.3	71.6	77.1	78.8	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	49.4	62.6	71.9	77.4	79.1	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	49.6	62.8	72.2	77.7	79.5	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	49.8	63.2	72.9	78.8	80.5	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4500	49.9	63.4	73.2	79.1	81.0	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	51.0	65.5	75.8	82.2	84.6	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	51.5	66.0	76.6	82.9	85.4	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	53.8	68.6	79.9	86.5	89.2	90.2	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	54.4	69.4	80.9	87.4	90.3	91.3	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	54.6	69.9	81.6	88.7	91.6	92.6	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	54.7	70.0	81.7	88.8	91.7	92.7	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	54.9	70.6	82.6	89.7	92.6	93.7	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	55.8	71.6	83.5	90.6	93.5	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	56.5	72.5	84.4	91.5	94.7	96.0	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	56.5	72.5	84.4	91.6	94.9	96.3	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	56.6	72.7	84.7	92.2	95.5	97.0	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	56.9	73.1	85.2	92.9	96.2	97.8	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	56.9	73.1	85.3	93.2	96.6	98.2	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	56.9	73.1	85.5	93.5	97.0	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	56.9	73.1	85.5	93.5	97.0	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	56.9	73.1	85.5	93.5	97.0	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	56.9	73.1	85.5	93.5	97.0	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	56.9	73.1	85.5	93.5	97.0	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	56.9	73.1	85.5	93.5	97.0	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DR
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.8	45.9	51.3	53.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	46.0	56.2	63.0	65.3	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	46.0	56.2	63.0	65.3	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	46.1	56.3	63.1	65.4	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	46.3	56.6	63.3	65.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	46.9	57.3	64.5	66.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	50.2	61.7	69.1	72.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 9000	50.5	62.3	69.8	72.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 8000	52.5	65.1	73.2	76.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 7000	52.8	65.4	73.7	76.7	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 6000	52.8	65.4	73.7	76.7	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000	53.7	66.5	75.2	78.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	53.9	66.9	75.7	78.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	56.1	70.0	79.6	83.2	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	58.1	72.3	82.2	85.9	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	61.3	76.5	86.6	90.9	92.2	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	61.5	76.8	87.0	91.3	92.6	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	62.0	77.6	88.1	92.7	94.2	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	62.3	77.8	88.3	93.2	94.7	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	62.6	78.5	88.9	94.1	95.7	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	63.1	79.4	89.8	95.3	96.9	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	63.4	79.7	90.1	95.8	97.4	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	63.8	80.0	90.4	96.1	97.7	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	63.9	80.4	90.9	96.9	98.5	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	64.0	80.5	91.0	97.0	98.6	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	64.0	80.5	91.0	97.1	98.7	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	64.0	80.5	91.0	97.1	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	64.0	80.5	91.0	97.1	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	64.0	80.5	91.0	97.1	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	64.0	80.5	91.0	97.1	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	64.0	80.5	91.0	97.1	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	64.0	80.5	91.0	97.1	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.7	49.0	53.5	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	48.2	59.8	65.2	67.0	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 18000	48.5	60.1	65.5	67.3	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	48.6	60.2	65.6	67.4	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 14000	48.6	60.2	65.8	67.6	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 12000	48.9	60.8	66.6	68.4	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	53.3	65.6	71.8	73.9	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	54.9	67.3	73.8	75.8	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 8000	57.5	70.2	77.7	80.1	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	58.0	70.6	78.3	80.6	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	58.2	70.9	78.5	80.9	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	58.4	71.2	78.9	81.3	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	58.4	71.2	78.9	81.3	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000	59.7	73.2	81.5	84.4	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	61.1	75.2	83.9	87.0	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 3000	63.1	78.5	87.7	91.3	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 2500	63.4	78.9	88.4	92.0	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 2000	64.1	79.7	89.6	93.5	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
GE 1800	64.2	79.8	89.7	93.7	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 1500	64.7	80.5	90.4	94.4	95.8	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE 1200	65.3	81.6	91.5	95.7	97.1	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 1000	65.3	81.7	91.6	95.8	97.2	97.4	97.7	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2
GE 900	65.3	82.2	92.2	96.5	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8
GE 800	65.3	82.2	92.2	96.6	98.2	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4
GE 700	65.3	82.2	92.2	96.6	98.2	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4
GE 600	65.3	82.2	92.2	96.9	98.5	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
GE 500	65.3	82.2	92.3	97.0	98.6	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
GE 400	65.3	82.2	92.3	97.0	98.6	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
GE 300	65.3	82.3	92.4	97.2	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	65.3	82.3	92.4	97.2	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	65.3	82.3	92.4	97.2	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	65.3	82.3	92.4	97.2	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	50.1	55.5	58.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 20000	47.6	57.4	65.2	68.7	70.1	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 18000	47.8	57.6	65.4	68.9	70.3	70.4	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	47.8	57.6	65.4	68.9	70.3	70.4	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 14000	47.8	58.0	65.9	69.5	70.9	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	48.1	58.3	66.3	69.9	71.3	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	51.3	62.9	71.7	75.5	76.9	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 9000	52.8	64.5	73.3	77.1	78.5	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 8000	55.6	67.5	76.6	80.5	82.5	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	55.9	68.0	77.2	81.3	83.4	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000	56.1	68.5	77.7	81.9	84.1	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	56.8	69.2	78.5	82.7	84.9	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4500	57.5	70.0	79.2	83.4	85.7	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	58.4	72.0	81.7	86.5	89.0	89.1	89.2	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 3500	58.9	72.8	82.6	87.5	90.2	90.3	90.4	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	60.2	74.6	85.1	90.2	93.1	93.2	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	60.4	75.1	85.9	91.2	94.3	94.5	94.6	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	61.0	75.6	86.8	92.2	95.4	95.6	95.7	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	61.0	75.6	86.8	92.2	95.4	95.6	95.7	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	61.2	75.8	87.0	92.4	95.6	95.8	95.9	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	61.5	76.7	87.8	93.5	96.8	97.0	97.1	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	61.7	77.3	88.5	94.2	97.5	97.7	97.8	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	61.7	77.4	89.0	94.8	98.2	98.4	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	61.7	77.4	89.0	94.9	98.6	98.8	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	61.7	77.4	89.0	94.9	98.6	98.8	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	61.7	77.4	89.0	94.9	98.6	98.8	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	61.7	77.4	89.1	95.1	98.7	98.9	99.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	61.7	77.4	89.1	95.1	98.7	98.9	99.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	61.7	77.4	89.1	95.1	98.7	98.9	99.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	61.7	77.4	89.1	95.1	98.7	98.9	99.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	61.7	77.4	89.1	95.1	98.7	98.9	99.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	61.7	77.4	89.1	95.1	98.7	98.9	99.1	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.3	49.0	54.9	57.6	59.8	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	48.0	56.5	64.1	68.0	70.4	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 18000	48.0	56.5	64.1	68.0	70.4	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 16000	48.0	56.5	64.1	68.0	70.4	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 14000	48.0	56.6	64.2	68.1	70.5	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	48.3	57.2	64.8	68.7	71.2	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 10000	50.8	61.2	69.5	73.9	76.3	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 9000	52.7	63.3	71.7	76.3	78.8	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	54.5	66.0	74.9	79.8	82.6	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 7000	54.6	66.1	75.2	80.1	83.0	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	54.7	66.3	75.4	80.5	83.4	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 5000	55.3	67.1	76.5	82.2	85.2	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4500	55.4	67.2	76.6	82.3	85.3	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4000	56.6	69.0	78.5	84.6	88.1	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	57.6	70.2	79.8	86.0	89.7	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000	58.4	71.1	81.5	88.1	92.0	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2500	58.4	71.3	81.7	88.3	92.6	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	58.9	72.0	82.6	89.4	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	59.0	72.2	82.7	89.5	94.0	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	59.2	72.6	83.2	90.1	94.7	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	59.7	73.5	84.2	91.3	96.1	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	60.1	74.1	84.9	92.4	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	60.1	74.3	85.4	92.9	97.7	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	60.1	74.4	85.6	93.1	98.0	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	60.1	74.4	85.6	93.1	98.0	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	60.1	74.4	85.6	93.1	98.0	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	60.1	74.5	85.7	93.2	98.3	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	60.1	74.5	85.7	93.2	98.3	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	60.1	74.5	85.7	93.2	98.3	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	60.1	74.5	85.7	93.2	98.3	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	60.1	74.5	85.7	93.2	98.3	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	60.1	74.5	85.7	93.2	98.3	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.3	43.0	48.9	52.4	54.9	55.4	56.0	56.5	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8
GE 20000	40.7	50.3	57.7	62.0	64.9	65.5	66.2	66.8	66.9	67.1	67.2	67.2	67.2	67.2	67.3	67.3
GE 18000	40.8	50.4	57.8	62.1	64.9	65.6	66.3	66.9	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.4
GE 16000	40.8	50.4	57.8	62.1	65.0	65.6	66.3	66.9	67.0	67.2	67.3	67.3	67.3	67.3	67.4	67.4
GE 14000	41.0	50.7	58.1	62.4	65.2	65.9	66.6	67.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.7
GE 12000	41.6	51.5	59.2	63.5	66.4	67.0	67.8	68.4	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8
GE 10000	44.6	55.7	64.0	68.8	72.0	72.7	73.5	74.1	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6
GE 9000	45.7	57.1	65.5	70.4	73.6	74.3	75.1	75.7	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.3
GE 8000	47.9	59.9	69.2	74.4	78.0	78.7	79.5	80.1	80.2	80.5	80.6	80.6	80.6	80.6	80.7	80.7
GE 7000	48.3	60.3	69.7	74.9	78.5	79.2	80.1	80.7	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.3
GE 6000	48.4	60.5	69.9	75.2	78.8	79.6	80.4	81.0	81.1	81.4	81.5	81.5	81.5	81.5	81.6	81.6
GE 5000	48.8	61.0	70.6	76.0	79.8	80.5	81.4	82.0	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5
GE 4500	48.9	61.2	70.9	76.3	80.1	80.9	81.7	82.3	82.4	82.7	82.8	82.8	82.8	82.8	82.9	82.9
GE 4000	50.0	62.9	72.9	78.9	83.0	83.8	84.7	85.4	85.5	85.8	85.9	85.9	86.0	86.0	86.0	86.0
GE 3500	50.8	64.1	74.3	80.4	84.8	85.6	86.5	87.2	87.3	87.5	87.7	87.7	87.8	87.8	87.8	87.8
GE 3000	52.3	66.0	76.7	83.1	87.7	88.6	89.5	90.3	90.4	90.7	90.9	90.9	91.0	91.0	91.0	91.0
GE 2500	52.6	66.4	77.2	83.7	88.4	89.3	90.2	91.0	91.1	91.4	91.6	91.6	91.7	91.7	91.7	91.7
GE 2000	53.0	67.0	78.0	84.7	89.5	90.4	91.4	92.2	92.3	92.6	92.8	92.8	92.8	92.8	92.9	92.9
GE 1800	53.1	67.1	78.1	84.8	89.7	90.6	91.5	92.4	92.4	92.8	92.9	92.9	93.0	93.0	93.0	93.1
GE 1500	53.4	67.7	78.7	85.5	90.5	91.4	92.4	93.3	93.3	93.7	93.9	93.9	93.9	93.9	94.0	94.0
GE 1200	53.9	68.5	79.7	86.7	91.7	92.7	93.7	94.6	94.7	95.0	95.2	95.2	95.2	95.2	95.3	95.3
GE 1000	54.2	69.1	80.4	87.6	92.7	93.8	94.9	95.8	95.8	96.2	96.4	96.4	96.4	96.5	96.5	96.5
GE 900	54.3	69.3	80.7	88.0	93.2	94.3	95.3	96.2	96.3	96.7	96.8	96.8	96.9	96.9	97.0	97.0
GE 800	54.4	69.6	81.1	88.5	93.9	95.0	96.2	97.1	97.2	97.6	97.7	97.7	97.8	97.8	97.8	97.9
GE 700	54.5	69.8	81.3	88.9	94.3	95.4	96.6	97.5	97.6	98.0	98.1	98.1	98.2	98.2	98.3	98.3
GE 600	54.5	69.8	81.4	89.0	94.4	95.6	96.7	97.7	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.5
GE 500	54.5	69.9	81.6	89.4	94.9	96.0	97.2	98.2	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.0
GE 400	54.5	69.9	81.6	89.4	94.9	96.1	97.4	98.3	98.5	98.8	99.0	99.0	99.1	99.1	99.2	99.2
GE 300	54.5	70.0	81.7	89.5	95.1	96.3	97.5	98.5	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4
GE 200	54.5	70.0	81.7	89.5	95.1	96.3	97.6	98.6	98.7	99.2	99.4	99.4	99.5	99.5	99.6	99.6
GE 100	54.5	70.0	81.7	89.5	95.1	96.3	97.6	98.6	98.8	99.2	99.5	99.5	99.6	99.6	99.8	99.9
GE 000	54.5	70.0	81.7	89.5	95.1	96.3	97.6	98.6	98.8	99.2	99.5	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	49.0	53.8	57.9	59.1	59.8	60.7	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 20000	46.2	54.0	59.8	64.8	66.2	66.9	67.9	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	46.2	54.0	59.8	64.8	66.2	66.9	67.9	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000	46.2	54.0	59.8	64.8	66.2	66.9	67.9	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	46.6	54.3	60.1	65.1	66.6	67.2	68.2	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	47.0	54.8	60.7	65.7	67.1	67.8	68.8	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	48.9	56.9	63.1	68.1	69.6	70.3	71.3	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 9000	49.4	57.6	64.0	69.1	70.6	71.3	72.3	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	50.4	59.2	66.4	72.2	73.9	74.7	76.1	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 7000	52.0	61.2	68.4	74.2	75.9	76.7	78.1	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	52.0	61.2	68.4	74.2	75.9	76.7	78.1	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 5000	52.6	61.8	69.0	74.9	76.7	77.4	78.9	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	53.3	62.6	69.8	75.7	77.4	78.2	79.7	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4000	55.4	65.2	72.6	78.7	80.4	81.3	82.8	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3500	56.3	66.1	73.7	79.8	81.8	82.7	84.1	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	58.3	68.3	76.0	82.3	84.6	85.4	86.9	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2500	59.4	69.8	77.4	84.1	86.3	87.2	88.7	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	60.3	70.8	78.6	85.4	87.7	88.6	90.0	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	60.4	71.0	78.8	85.8	88.0	88.9	90.3	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1500	62.1	72.9	80.7	87.7	89.9	90.8	92.2	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	62.4	73.3	81.1	88.1	90.4	91.3	92.8	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	62.7	73.7	81.4	88.6	90.9	91.8	93.3	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	62.7	73.9	81.7	88.8	91.2	92.1	93.7	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	62.7	73.9	81.8	88.9	91.6	92.4	94.0	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 700	62.9	74.1	82.2	89.4	92.1	93.0	94.6	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	63.0	74.2	82.3	89.6	92.3	93.2	94.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	63.0	74.3	82.8	90.0	93.4	94.9	96.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	63.0	74.3	82.8	90.1	94.0	95.6	97.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	63.2	74.6	83.0	90.3	94.3	96.1	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	63.2	74.6	83.0	90.3	94.3	96.1	98.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	63.2	74.6	83.0	90.3	94.3	96.1	98.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 000	63.2	74.6	83.0	90.3	94.3	96.1	98.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.7	45.2	51.1	54.4	58.3	59.4	60.9	62.0	62.1	62.6	62.8	62.8	62.9	62.9	63.0	63.3
GE 20000	41.3	48.6	55.1	59.4	63.7	64.8	66.3	67.8	67.9	68.3	68.6	68.6	68.7	68.7	68.8	69.2
GE 18000	41.4	48.7	55.2	59.6	63.8	64.9	66.4	67.9	68.0	68.4	68.7	68.7	68.8	68.8	68.9	69.3
GE 16000	41.4	48.7	55.2	59.6	63.8	64.9	66.4	67.9	68.0	68.4	68.7	68.7	68.8	68.8	68.9	69.3
GE 14000	41.7	48.9	55.4	59.8	64.0	65.1	66.7	68.1	68.2	68.7	68.9	68.9	69.0	69.0	69.1	69.6
GE 12000	42.6	49.8	56.4	60.8	65.0	66.1	67.7	69.1	69.2	69.7	69.9	69.9	70.0	70.0	70.1	70.6
GE 10000	44.0	51.7	58.3	62.9	67.2	68.4	70.0	71.4	71.6	72.0	72.2	72.2	72.3	72.3	72.4	72.9
GE 9000	44.2	52.2	59.0	63.6	67.9	69.1	70.7	72.1	72.2	72.7	72.9	72.9	73.0	73.0	73.1	73.6
GE 8000	45.0	53.1	60.3	65.2	69.7	71.1	72.9	74.3	74.4	74.9	75.1	75.1	75.2	75.2	75.3	75.8
GE 7000	45.7	54.0	61.3	66.2	70.7	72.1	73.9	75.3	75.4	75.9	76.1	76.1	76.2	76.2	76.3	76.8
GE 6000	46.3	54.7	62.0	66.9	71.3	72.8	74.6	76.0	76.1	76.6	76.8	76.8	76.9	76.9	77.0	77.4
GE 5000	46.8	55.1	62.4	67.3	71.8	73.2	75.0	76.4	76.6	77.0	77.2	77.2	77.3	77.3	77.4	77.9
GE 4500	47.3	55.7	63.2	68.1	72.6	74.0	75.8	77.2	77.3	77.8	78.0	78.0	78.1	78.1	78.2	78.7
GE 4000	48.8	57.7	65.4	70.4	75.1	76.6	78.7	80.1	80.2	80.8	81.0	81.0	81.1	81.1	81.2	81.7
GE 3500	50.0	59.2	67.0	72.1	77.1	78.6	80.7	82.1	82.2	82.8	83.0	83.0	83.1	83.1	83.2	83.7
GE 3000	52.1	61.7	69.7	74.8	80.0	81.4	83.6	85.0	85.1	85.8	86.0	86.0	86.1	86.1	86.2	86.7
GE 2500	52.6	62.2	70.2	75.6	80.8	82.2	84.3	86.0	86.1	86.8	87.0	87.0	87.1	87.1	87.2	87.7
GE 2000	52.8	62.4	70.4	75.9	81.1	82.6	84.7	86.3	86.4	87.1	87.3	87.3	87.4	87.4	87.6	88.0
GE 1800	53.0	62.7	70.8	76.2	81.4	82.9	85.0	86.8	86.9	87.6	87.8	87.8	87.9	87.9	88.0	88.4
GE 1500	53.4	63.4	71.9	77.4	82.7	84.1	86.2	88.0	88.1	88.8	89.0	89.0	89.1	89.1	89.2	89.7
GE 1200	54.6	64.6	73.1	78.8	84.0	85.4	87.6	89.3	89.4	90.1	90.3	90.3	90.4	90.4	90.6	91.0
GE 1000	54.9	65.1	73.9	80.0	85.4	86.9	89.0	90.8	90.9	91.6	91.8	91.8	91.9	91.9	92.0	92.4
GE 900	55.3	65.6	74.4	80.7	86.2	87.7	89.8	91.6	91.7	92.3	92.6	92.6	92.7	92.7	92.8	93.2
GE 800	56.0	66.2	75.3	81.8	87.6	89.0	91.2	93.0	93.1	93.8	94.0	94.0	94.1	94.1	94.2	94.7
GE 700	56.0	66.4	75.7	82.2	88.2	89.7	92.0	93.8	93.9	94.6	94.8	94.8	94.9	94.9	95.0	95.4
GE 600	56.0	66.4	75.9	82.6	88.9	90.3	92.7	94.4	94.6	95.2	95.4	95.4	95.6	95.6	95.7	96.1
GE 500	56.0	66.6	76.1	82.8	89.4	90.9	93.6	95.7	95.8	96.6	96.8	96.8	96.9	96.9	97.0	97.4
GE 400	56.0	66.6	76.1	82.8	89.4	91.1	93.9	96.1	96.2	97.0	97.2	97.2	97.3	97.3	97.4	97.9
GE 300	56.0	66.6	76.1	82.8	89.4	91.1	93.9	96.2	96.3	97.2	97.7	97.7	97.8	97.9	98.0	98.4
GE 200	56.0	66.6	76.1	82.8	89.7	91.3	94.1	96.4	96.6	97.4	97.9	97.9	98.1	98.2	98.4	99.0
GE 100	56.0	66.6	76.1	82.9	89.8	91.4	94.2	96.6	96.7	97.6	98.0	98.0	98.3	98.4	99.0	99.9
GE 000	56.0	66.6	76.1	82.9	89.8	91.4	94.2	96.6	96.7	97.6	98.1	98.1	98.4	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.6	36.2	40.8	44.6	47.7	48.8	50.2	52.7	53.1	54.2	54.6	54.6	54.8	54.8	55.0	55.0
GE 20000	32.6	41.9	47.0	51.6	55.2	56.7	58.4	60.9	61.4	62.7	63.1	63.1	63.4	63.4	63.7	63.9
GE 18000	32.7	42.0	47.1	51.7	55.3	56.8	58.6	61.0	61.6	62.8	63.2	63.2	63.6	63.6	63.8	64.0
GE 16000	32.7	42.0	47.1	51.7	55.3	56.8	58.6	61.0	61.6	62.8	63.2	63.2	63.6	63.6	63.8	64.0
GE 14000	32.9	42.2	47.3	51.9	55.6	57.0	58.8	61.2	61.8	63.0	63.4	63.4	63.8	63.8	64.0	64.2
GE 12000	33.0	42.3	47.4	52.2	55.9	57.3	59.2	61.7	62.2	63.4	63.9	63.9	64.2	64.2	64.4	64.7
GE 10000	35.3	45.0	50.9	56.0	60.1	61.7	63.8	66.2	66.8	68.0	68.4	68.4	68.8	68.8	69.0	69.2
GE 9000	36.0	45.8	51.8	56.9	61.0	62.6	64.7	67.1	67.8	69.0	69.4	69.4	69.8	69.8	70.0	70.2
GE 8000	37.7	47.9	54.2	59.9	64.4	66.3	68.6	71.1	71.8	73.2	73.7	73.7	74.2	74.2	74.4	74.7
GE 7000	37.9	48.1	54.4	60.1	65.0	66.9	69.2	71.8	72.4	73.9	74.3	74.3	74.9	74.9	75.1	75.3
GE 6000	38.4	48.7	55.1	60.8	65.7	67.6	69.9	72.4	73.1	74.6	75.0	75.0	75.6	75.6	75.8	76.0
GE 5000	38.9	49.3	55.9	61.7	66.7	68.6	70.9	73.4	74.1	75.6	76.0	76.0	76.6	76.6	76.8	77.0
GE 4500	39.0	49.6	56.2	62.0	67.0	68.9	71.2	73.8	74.4	75.9	76.3	76.3	76.9	76.9	77.1	77.3
GE 4000	39.8	50.7	57.3	63.9	69.2	71.1	73.6	76.2	76.9	78.4	79.0	79.0	79.6	79.6	79.8	80.0
GE 3500	40.6	51.7	58.3	65.0	70.3	72.4	74.9	77.7	78.3	79.9	80.4	80.4	81.0	81.0	81.2	81.4
GE 3000	42.0	53.4	60.2	67.2	72.9	75.1	77.8	80.6	81.2	82.8	83.4	83.4	84.0	84.0	84.2	84.4
GE 2500	43.0	54.6	61.3	68.4	74.1	76.3	79.0	81.9	82.6	84.1	84.8	84.8	85.3	85.3	85.6	85.8
GE 2000	43.4	55.1	61.9	69.0	74.8	77.0	79.7	82.6	83.2	84.8	85.4	85.4	86.0	86.0	86.2	86.4
GE 1800	43.4	55.1	62.1	69.2	75.1	77.3	80.0	82.9	83.6	85.1	85.8	85.8	86.3	86.3	86.6	86.8
GE 1500	43.9	55.8	62.9	70.2	76.6	78.9	81.6	84.4	85.1	86.7	87.3	87.3	87.9	87.9	88.1	88.3
GE 1200	44.7	56.6	63.9	71.3	77.9	80.3	83.0	85.9	86.6	88.1	88.8	88.8	89.3	89.3	89.6	89.8
GE 1000	45.6	57.7	65.2	72.9	79.7	82.2	85.0	87.9	88.6	90.2	90.9	91.0	91.6	91.6	91.8	92.0
GE 900	46.3	58.4	66.0	73.7	80.4	83.0	85.9	88.9	89.6	91.2	91.9	92.0	92.6	92.6	92.8	93.0
GE 800	46.7	59.1	66.8	74.7	81.9	84.6	87.6	90.6	91.2	92.9	93.6	93.7	94.2	94.2	94.4	94.7
GE 700	46.7	59.1	66.9	74.9	82.3	85.2	88.4	91.4	92.1	93.8	94.4	94.6	95.1	95.1	95.3	95.6
GE 600	46.8	59.2	67.0	75.0	82.4	85.3	88.7	91.9	92.7	94.4	95.1	95.2	95.8	95.8	96.0	96.2
GE 500	46.8	59.3	67.1	75.3	82.8	85.7	89.3	92.7	93.4	95.2	95.9	96.0	96.6	96.6	96.8	97.0
GE 400	46.8	59.4	67.2	75.6	83.1	86.1	89.8	93.1	94.0	95.8	96.6	96.7	97.3	97.3	97.6	97.8
GE 300	46.8	59.4	67.2	75.6	83.2	86.2	89.9	93.6	94.4	96.4	97.3	97.4	98.3	98.3	98.6	98.8
GE 200	46.8	59.4	67.2	75.6	83.2	86.2	89.9	93.6	94.4	96.4	97.3	97.6	98.6	98.6	98.9	99.2
GE 100	46.8	59.4	67.2	75.6	83.2	86.2	89.9	93.6	94.4	96.4	97.3	97.6	98.7	98.8	99.1	99.8
GE 000	46.8	59.4	67.2	75.6	83.2	86.2	89.9	93.6	94.4	96.4	97.3	97.6	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	48.7	51.1	54.2	55.9	56.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	49.4	57.3	60.1	63.7	65.3	65.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	49.6	57.4	60.2	63.8	65.4	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	49.6	57.4	60.2	63.8	65.4	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	49.9	57.8	60.6	64.1	65.8	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 12000	50.7	58.7	61.4	65.0	66.7	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	53.2	61.4	64.7	68.6	70.2	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 9000	54.1	62.4	65.7	69.6	71.2	71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000	57.3	66.0	69.6	74.4	76.3	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 7000	57.9	66.7	70.6	75.4	77.4	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 6000	58.2	67.0	71.1	76.0	78.0	78.2	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000	58.9	68.0	72.1	77.1	79.1	79.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500	59.2	68.4	72.6	77.6	79.6	79.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	60.3	70.0	74.4	79.7	81.7	81.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	61.4	71.1	75.6	81.1	83.2	83.4	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	62.0	72.7	77.3	83.1	85.2	85.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2500	62.4	73.2	78.1	83.9	86.1	86.4	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2000	63.1	74.2	79.1	84.9	87.2	87.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	63.2	74.3	79.3	85.2	87.7	88.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	64.1	75.3	80.6	87.0	89.6	90.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	65.3	76.8	82.1	88.8	91.4	92.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	66.4	78.2	83.7	90.6	93.3	94.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	66.4	78.3	83.9	90.9	93.7	94.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	66.9	78.9	84.4	91.6	94.7	95.6	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	67.2	79.3	85.1	92.3	95.7	96.6	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	67.4	79.7	85.7	93.0	96.3	97.2	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	67.7	80.0	86.0	93.3	96.7	97.7	99.0	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 400	67.7	80.0	86.0	93.3	96.7	97.7	99.2	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	67.7	80.0	86.0	93.3	96.8	97.8	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	67.7	80.0	86.0	93.3	96.8	97.8	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	67.7	80.0	86.0	93.3	96.8	97.8	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	67.7	80.0	86.0	93.3	96.8	97.8	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	52.1	54.3	55.7	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	54.4	60.8	63.1	64.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000	54.4	60.8	63.1	64.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	54.4	60.8	63.1	64.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	54.4	60.8	63.1	64.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 12000	55.8	62.1	64.4	66.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	59.0	65.6	68.1	69.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 9000	59.7	66.4	69.1	70.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000	63.1	70.3	74.0	76.4	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	64.3	71.7	75.3	77.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	64.3	71.9	75.6	78.0	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	65.2	72.8	76.6	79.0	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	66.1	73.7	77.4	79.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	68.0	75.7	79.9	82.4	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	69.7	77.6	81.8	84.4	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	71.4	80.1	84.4	87.4	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	72.3	81.2	85.9	88.9	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	73.9	83.1	87.8	90.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1800	74.4	83.7	88.3	91.3	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	75.2	84.9	89.6	92.6	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	76.2	86.2	91.0	94.0	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	76.9	86.9	92.1	95.2	96.8	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	77.1	87.2	92.6	95.8	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	77.3	87.6	92.9	96.2	97.9	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	77.3	87.6	93.1	96.6	98.3	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	77.4	87.7	93.2	96.7	98.4	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	77.4	87.8	93.6	97.0	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	77.4	87.8	93.6	97.0	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	77.6	87.9	93.7	97.1	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.6	87.9	93.7	97.1	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.6	87.9	93.7	97.1	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.6	87.9	93.7	97.1	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.2	51.2	53.4	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 20000	55.2	61.3	63.9	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	55.2	61.3	63.9	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	55.2	61.3	63.9	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 14000	55.3	61.4	64.0	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	56.2	62.3	64.9	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	58.8	65.1	67.7	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	59.1	65.9	68.6	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	63.1	71.2	74.7	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000	64.8	73.0	76.4	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	64.9	73.1	76.6	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000	66.2	74.4	78.0	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	67.1	75.4	79.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000	69.7	78.4	82.4	85.7	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3500	71.3	80.1	84.1	87.3	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3000	73.1	82.6	87.0	90.2	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	74.3	84.0	88.8	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	75.9	86.1	91.0	94.2	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	76.0	86.3	91.2	94.4	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1500	76.7	87.2	92.1	95.3	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	77.9	88.7	93.7	96.9	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	78.1	89.0	94.1	97.4	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	78.1	89.1	94.3	97.7	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	78.1	89.1	94.4	97.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	78.1	89.1	94.4	97.9	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	78.1	89.1	94.4	97.9	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	78.2	89.2	94.7	98.1	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	78.2	89.2	94.7	98.1	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.2	89.2	94.7	98.1	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.2	89.2	94.7	98.1	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.2	89.2	94.7	98.1	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.2	89.2	94.7	98.1	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	52.0	54.6	56.2	57.8	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	54.6	60.3	63.6	65.7	67.2	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 18000	54.6	60.3	63.6	65.7	67.2	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	54.6	60.3	63.6	65.7	67.2	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000	54.8	60.6	63.8	65.9	67.4	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 12000	55.6	61.3	64.6	66.7	68.2	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 10000	56.8	63.0	66.2	68.6	70.3	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 9000	57.9	64.1	67.3	69.9	71.7	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000	60.4	68.3	72.0	74.9	76.7	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 7000	61.9	69.8	73.4	76.4	78.6	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 6000	62.2	70.1	73.8	76.8	78.9	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	63.0	70.9	74.6	77.6	79.7	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500	63.3	71.4	75.1	78.4	80.6	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	66.2	75.4	79.2	82.9	85.0	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	69.8	79.4	83.4	87.3	89.6	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	70.7	80.4	84.4	88.4	90.8	91.1	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	71.6	82.0	86.2	90.4	92.9	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	72.3	82.8	87.1	91.3	93.9	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	72.4	82.9	87.3	91.6	94.1	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	73.1	83.6	88.1	92.3	95.0	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	73.9	84.6	89.1	93.3	96.0	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	73.9	84.6	89.1	93.3	96.2	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	73.9	84.6	89.1	93.6	96.6	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	74.0	84.8	89.3	94.0	97.1	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	74.1	85.0	89.7	94.3	97.4	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	74.1	85.0	89.7	94.3	97.4	97.9	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	74.1	85.0	89.7	94.4	97.8	98.2	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	74.1	85.0	89.7	94.4	97.9	98.3	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.1	85.0	89.7	94.4	97.9	98.3	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.1	85.0	89.7	94.4	97.9	98.3	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.1	85.0	89.7	94.4	97.9	98.3	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	74.1	85.0	89.7	94.4	97.9	98.3	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.6	52.9	57.1	58.3	59.8	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000	51.6	59.0	63.9	66.0	67.7	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	51.6	59.0	63.9	66.0	67.7	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000	51.6	59.0	63.9	66.0	67.7	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000	51.6	59.0	63.9	66.0	67.7	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000	52.6	60.0	64.9	67.0	68.7	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 10000	54.3	61.9	67.0	69.3	71.0	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	54.9	62.6	67.8	70.2	72.0	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	57.1	65.4	71.4	74.6	76.4	77.4	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000	58.3	66.8	72.9	76.1	78.0	79.0	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	58.7	67.1	73.2	76.4	78.3	79.3	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	59.0	67.4	73.6	76.9	78.8	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	59.8	68.3	74.4	78.1	80.0	81.0	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	62.2	71.3	78.2	82.7	84.6	85.8	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3500	64.3	73.6	80.7	85.2	87.1	88.3	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	66.2	75.9	83.0	87.7	89.7	90.9	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	66.7	76.4	83.6	88.2	90.2	91.4	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	67.4	77.4	84.6	89.3	91.4	92.7	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	67.8	77.9	85.0	89.8	91.9	93.1	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	68.2	78.4	85.6	90.7	92.8	94.0	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	68.4	78.9	86.0	91.2	93.3	94.8	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	68.8	79.2	86.6	91.8	93.9	95.3	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	68.8	79.6	86.9	92.1	94.2	95.7	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	68.8	79.7	87.2	92.6	94.7	96.1	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	68.8	79.7	87.3	92.7	95.0	96.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	68.8	79.7	87.3	92.7	95.0	96.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	68.8	79.7	87.4	92.8	95.3	97.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	68.8	79.8	87.6	92.9	95.8	97.4	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	68.9	79.9	87.7	93.0	95.9	97.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	68.9	79.9	87.8	93.1	96.0	98.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.9	79.9	87.8	93.1	96.0	98.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.9	79.9	87.8	93.1	96.0	98.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.5	48.4	52.0	54.6	56.4	56.9	57.5	58.1	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5
GE 20000	48.2	55.4	59.6	62.8	64.7	65.3	66.0	66.6	66.7	66.9	67.0	67.0	67.0	67.0	67.1	67.1
GE 18000	48.2	55.4	59.6	62.8	64.8	65.3	66.0	66.6	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.2
GE 16000	48.2	55.4	59.6	62.8	64.8	65.3	66.0	66.6	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.2
GE 14000	48.4	55.6	59.8	63.0	64.9	65.5	66.2	66.8	66.9	67.1	67.2	67.2	67.2	67.2	67.3	67.4
GE 12000	49.2	56.4	60.6	63.8	65.8	66.4	67.1	67.7	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.2
GE 10000	51.3	58.8	63.3	66.6	68.7	69.3	70.0	70.6	70.7	70.9	71.0	71.0	71.1	71.1	71.1	71.2
GE 9000	51.9	59.6	64.2	67.6	69.7	70.3	71.0	71.6	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.2
GE 8000	54.3	62.7	67.8	71.8	74.1	74.8	75.7	76.3	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.9
GE 7000	55.3	63.9	69.1	73.2	75.5	76.3	77.1	77.8	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.4
GE 6000	55.6	64.2	69.5	73.6	75.9	76.6	77.5	78.1	78.2	78.5	78.5	78.5	78.6	78.6	78.7	78.8
GE 5000	56.3	65.0	70.3	74.4	76.8	77.5	78.4	79.0	79.1	79.3	79.4	79.4	79.5	79.5	79.5	79.6
GE 4500	56.9	65.6	71.0	75.2	77.6	78.3	79.2	79.8	79.9	80.2	80.2	80.2	80.3	80.3	80.4	80.4
GE 4000	58.8	68.1	73.7	78.3	80.7	81.5	82.5	83.1	83.2	83.5	83.6	83.6	83.7	83.7	83.7	83.8
GE 3500	60.4	69.8	75.6	80.3	82.8	83.6	84.6	85.3	85.4	85.7	85.8	85.8	85.8	85.8	85.9	86.0
GE 3000	62.0	71.9	77.8	82.7	85.3	86.1	87.2	87.8	87.9	88.2	88.3	88.3	88.4	88.4	88.5	88.5
GE 2500	62.8	72.9	78.9	83.9	86.6	87.5	88.5	89.2	89.3	89.6	89.7	89.7	89.8	89.8	89.8	89.9
GE 2000	63.7	74.0	80.1	85.1	87.8	88.7	89.8	90.5	90.6	90.8	91.0	91.0	91.0	91.0	91.1	91.2
GE 1800	63.8	74.2	80.4	85.4	88.2	89.1	90.2	90.9	91.0	91.3	91.4	91.4	91.5	91.5	91.5	91.6
GE 1500	64.6	75.2	81.4	86.7	89.5	90.4	91.5	92.2	92.3	92.6	92.7	92.7	92.8	92.8	92.9	92.9
GE 1200	65.4	76.2	82.5	87.8	90.8	91.7	92.8	93.6	93.7	93.9	94.1	94.1	94.1	94.1	94.2	94.3
GE 1000	65.9	76.8	83.3	88.7	91.8	92.8	94.0	94.7	94.8	95.1	95.2	95.2	95.3	95.3	95.4	95.4
GE 900	66.1	77.1	83.6	89.1	92.3	93.3	94.5	95.2	95.3	95.6	95.7	95.7	95.8	95.8	95.9	95.9
GE 800	66.3	77.4	84.0	89.7	93.0	94.0	95.3	96.0	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.8
GE 700	66.4	77.5	84.3	90.0	93.5	94.6	95.9	96.7	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.4
GE 600	66.5	77.6	84.4	90.2	93.7	94.8	96.1	97.0	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.8
GE 500	66.5	77.7	84.7	90.5	94.2	95.4	96.9	97.8	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.7
GE 400	66.5	77.8	84.7	90.5	94.4	95.6	97.2	98.2	98.4	98.8	98.9	98.9	99.0	99.0	99.1	99.2
GE 300	66.6	77.8	84.8	90.6	94.5	95.8	97.4	98.4	98.6	99.0	99.2	99.3	99.4	99.4	99.4	99.5
GE 200	66.6	77.8	84.8	90.6	94.5	95.8	97.4	98.5	98.7	99.1	99.3	99.4	99.5	99.5	99.6	99.7
GE 100	66.6	77.8	84.8	90.6	94.5	95.8	97.5	98.5	98.7	99.2	99.4	99.4	99.6	99.6	99.7	99.9
GE 000	66.6	77.8	84.8	90.6	94.5	95.8	97.5	98.5	98.7	99.2	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.3	55.1	57.3	59.4	62.0	62.4	62.8	63.0	63.0	63.2	63.2	63.2	63.4	63.4	63.5	63.5
GE 20000	52.2	57.7	60.1	62.2	64.8	65.3	65.7	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.5	66.5
GE 18000	52.2	57.7	60.1	62.2	64.8	65.3	65.7	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.5	66.5
GE 16000	52.2	57.7	60.1	62.2	64.8	65.3	65.7	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.5	66.5
GE 14000	52.2	57.7	60.1	62.2	64.9	65.4	65.8	66.0	66.0	66.2	66.2	66.2	66.5	66.5	66.6	66.6
GE 12000	52.3	58.0	60.3	62.4	65.2	65.6	66.0	66.2	66.2	66.5	66.5	66.5	66.7	66.7	66.8	66.8
GE 10000	53.8	59.9	62.5	64.6	67.5	68.0	68.4	68.6	68.6	68.8	68.8	68.8	69.0	69.0	69.1	69.1
GE 9000	54.1	60.4	63.0	65.2	68.1	68.5	68.9	69.1	69.1	69.4	69.4	69.4	69.6	69.6	69.7	69.7
GE 8000	57.3	64.0	66.7	68.9	71.9	72.4	72.8	73.0	73.0	73.3	73.3	73.3	73.5	73.5	73.7	73.7
GE 7000	58.7	65.7	68.6	71.0	74.1	74.5	74.9	75.2	75.2	75.5	75.5	75.5	75.7	75.7	75.8	75.8
GE 6000	58.8	65.9	69.0	71.4	74.5	74.9	75.4	75.6	75.6	75.9	75.9	75.9	76.1	76.1	76.2	76.2
GE 5000	59.8	66.9	70.0	72.4	75.5	75.9	76.7	76.9	76.9	77.2	77.2	77.2	77.4	77.4	77.5	77.5
GE 4500	60.2	67.4	70.5	72.9	76.0	76.5	77.2	77.4	77.4	77.7	77.7	77.7	78.0	78.0	78.1	78.1
GE 4000	63.4	70.9	74.6	77.3	80.8	81.2	82.0	82.3	82.3	82.6	82.6	82.6	82.8	82.8	82.9	82.9
GE 3500	64.6	72.0	76.0	78.7	82.3	82.7	83.5	83.8	83.8	84.1	84.1	84.1	84.3	84.3	84.4	84.4
GE 3000	66.7	74.2	78.2	81.0	84.5	84.9	85.8	86.0	86.0	86.3	86.3	86.3	86.6	86.6	86.7	86.7
GE 2500	67.3	74.8	78.9	81.8	85.4	85.8	86.7	86.9	86.9	87.2	87.2	87.2	87.4	87.4	87.5	87.5
GE 2000	68.7	76.2	80.3	83.2	86.8	87.3	88.2	88.4	88.4	88.7	88.7	88.7	88.9	88.9	89.0	89.0
GE 1800	68.8	76.3	80.4	83.5	87.1	87.6	88.5	88.7	88.7	89.0	89.0	89.0	89.2	89.2	89.4	89.4
GE 1500	68.8	76.3	80.4	83.7	87.3	87.8	88.7	88.9	88.9	89.2	89.2	89.2	89.5	89.5	89.6	89.6
GE 1200	69.1	76.7	80.9	84.1	88.1	88.6	89.5	89.7	89.7	90.0	90.0	90.0	90.2	90.2	90.3	90.3
GE 1000	69.5	77.0	81.2	84.8	88.9	89.6	90.4	90.8	90.8	91.1	91.1	91.1	91.3	91.3	91.4	91.4
GE 900	69.5	77.1	81.5	85.2	89.5	90.1	91.0	91.3	91.3	91.6	91.6	91.6	91.8	91.8	91.9	91.9
GE 800	69.6	77.2	81.7	85.5	90.3	91.0	91.8	92.2	92.2	92.5	92.5	92.5	92.7	92.7	92.8	92.8
GE 700	69.7	77.3	81.8	85.7	90.5	91.2	92.0	92.4	92.4	92.7	92.7	92.7	92.9	92.9	93.0	93.0
GE 600	69.7	77.3	81.8	85.7	90.5	91.2	92.2	92.5	92.5	92.8	92.8	92.8	93.0	93.0	93.1	93.2
GE 500	69.7	77.3	81.8	85.8	90.9	91.7	92.9	93.2	93.2	93.5	93.5	93.5	93.8	93.8	93.9	94.0
GE 400	69.7	77.3	81.9	85.9	91.2	92.0	93.2	93.5	93.7	94.0	94.1	94.1	94.3	94.3	94.4	94.5
GE 300	69.7	77.3	82.0	86.0	91.4	92.3	93.5	94.2	94.3	94.6	94.7	94.7	95.3	95.3	95.4	95.5
GE 200	69.7	77.3	82.0	86.0	91.4	92.3	93.5	94.2	94.3	94.8	95.1	95.1	95.9	95.9	96.3	96.5
GE 100	69.7	77.3	82.0	86.0	91.4	92.3	93.7	94.4	94.5	95.2	95.5	95.5	96.3	96.6	97.5	97.6
GE 000	69.7	77.3	82.0	86.0	91.4	92.3	93.7	94.4	94.5	95.2	95.5	95.5	96.3	96.6	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.9	50.9	53.8	55.5	58.8	60.0	60.9	61.8	61.8	62.3	62.5	62.5	62.5	62.5	62.5	62.7
GE 20000	48.7	53.5	57.3	59.6	62.9	64.1	65.1	66.0	66.0	66.5	66.7	66.7	66.7	66.7	66.7	66.9
GE 18000	48.7	53.5	57.3	59.6	62.9	64.1	65.1	66.0	66.0	66.5	66.7	66.7	66.7	66.7	66.7	66.9
GE 16000	48.7	53.5	57.3	59.6	62.9	64.1	65.1	66.0	66.0	66.5	66.7	66.7	66.7	66.7	66.7	66.9
GE 14000	48.7	53.7	57.5	59.8	63.1	64.4	65.4	66.3	66.3	66.8	67.0	67.0	67.0	67.0	67.0	67.2
GE 12000	48.8	53.8	57.6	59.9	63.2	64.6	65.8	66.8	66.8	67.2	67.4	67.4	67.4	67.4	67.4	67.6
GE 10000	50.4	55.8	59.9	62.4	65.7	67.1	68.3	69.2	69.2	69.7	69.9	69.9	69.9	69.9	69.9	70.1
GE 9000	50.6	56.0	60.2	62.7	66.1	67.7	68.9	69.9	69.9	70.3	70.5	70.5	70.5	70.5	70.5	70.8
GE 8000	52.4	57.8	62.3	64.7	68.3	69.9	71.1	72.0	72.0	72.5	72.7	72.7	72.7	72.7	72.7	72.9
GE 7000	52.5	58.5	63.1	65.6	69.1	70.8	71.9	72.9	72.9	73.3	73.5	73.5	73.5	73.5	73.5	73.8
GE 6000	52.9	58.9	63.5	66.1	69.7	71.3	72.5	73.4	73.4	73.9	74.1	74.1	74.1	74.1	74.1	74.3
GE 5000	53.8	60.0	64.8	67.5	71.1	72.7	73.9	74.8	74.8	75.3	75.5	75.5	75.5	75.5	75.5	75.7
GE 4500	54.5	60.9	65.7	68.4	71.9	73.5	74.7	75.7	75.7	76.1	76.3	76.3	76.3	76.3	76.3	76.6
GE 4000	57.6	64.6	69.9	72.7	76.2	77.8	79.0	80.0	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.9
GE 3500	58.5	65.6	70.9	73.7	77.3	78.9	80.1	81.1	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.9
GE 3000	59.5	66.6	72.0	75.1	78.8	80.4	81.6	82.7	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.5
GE 2500	60.3	67.7	73.4	76.5	80.2	81.8	83.0	84.1	84.1	84.5	84.7	84.7	84.7	84.7	84.7	84.9
GE 2000	61.3	68.8	74.5	77.6	81.6	83.2	84.6	85.7	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.6
GE 1800	61.4	68.9	74.6	78.0	81.9	83.5	85.2	86.2	86.2	86.7	86.9	86.9	86.9	86.9	86.9	87.1
GE 1500	61.6	69.1	74.9	78.5	82.5	84.1	85.8	86.9	86.9	87.3	87.5	87.5	87.5	87.5	87.5	87.7
GE 1200	61.7	69.2	75.3	78.8	83.1	84.7	86.5	87.5	87.5	88.0	88.2	88.2	88.2	88.2	88.2	88.4
GE 1000	62.3	69.8	75.8	79.6	84.1	85.7	87.5	88.6	88.6	89.0	89.4	89.4	89.4	89.4	89.4	89.6
GE 900	62.3	69.8	75.8	79.7	84.2	85.8	87.6	88.7	88.7	89.1	89.5	89.5	89.5	89.5	89.5	89.7
GE 800	62.4	69.9	76.0	80.1	84.8	86.6	88.4	89.6	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.5
GE 700	62.5	70.0	76.2	80.4	85.2	86.9	88.8	90.0	90.0	90.4	90.8	90.8	90.8	90.8	90.8	91.0
GE 600	62.5	70.1	76.6	80.9	85.6	87.3	89.5	90.9	90.9	91.3	91.6	91.6	91.6	91.6	91.6	91.8
GE 500	62.5	70.1	76.7	81.3	86.3	88.1	90.5	92.2	92.2	92.6	92.9	92.9	93.0	93.0	93.0	93.2
GE 400	62.5	70.1	76.7	81.4	86.7	88.6	91.3	93.3	93.3	93.8	94.1	94.1	94.2	94.2	94.2	94.4
GE 300	62.5	70.2	76.8	81.5	86.8	88.7	91.5	93.9	93.9	94.3	94.6	94.6	94.7	94.7	94.7	94.9
GE 200	62.5	70.3	76.9	81.6	87.0	88.9	91.9	94.5	94.6	95.2	95.8	95.8	96.2	96.2	96.2	96.5
GE 100	62.5	70.3	76.9	81.6	87.0	88.9	92.0	94.6	94.7	95.3	95.9	95.9	96.5	96.6	97.1	97.8
GE 000	62.5	70.3	76.9	81.6	87.0	88.9	92.0	94.6	94.7	95.3	95.9	95.9	96.5	96.6	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.0	42.2	44.8	47.6	49.7	51.0	52.6	53.2	53.4	54.0	54.4	54.5	54.5	54.7	54.9	55.1
GE 20000	40.2	47.5	50.8	54.0	56.5	57.8	59.6	60.4	60.8	61.3	61.8	61.9	62.0	62.4	62.6	62.7
GE 18000	40.3	47.6	50.9	54.1	56.6	58.0	59.7	60.5	60.9	61.4	61.9	62.0	62.2	62.5	62.7	62.8
GE 16000	40.3	47.6	50.9	54.1	56.6	58.0	59.7	60.5	60.9	61.4	61.9	62.0	62.2	62.5	62.7	62.8
GE 14000	40.5	47.8	51.2	54.6	57.1	58.5	60.2	61.1	61.4	61.9	62.5	62.6	62.7	63.0	63.2	63.3
GE 12000	40.5	47.8	51.2	54.6	57.1	58.6	60.4	61.3	61.6	62.2	62.7	62.8	62.9	63.2	63.4	63.5
GE 10000	42.3	50.0	53.5	57.1	60.1	61.7	64.1	64.9	65.3	65.9	66.7	66.8	66.9	67.2	67.4	67.5
GE 9000	42.9	50.8	54.3	57.8	61.2	62.8	65.2	66.0	66.3	67.0	67.7	67.8	68.0	68.3	68.5	68.6
GE 8000	46.0	54.0	57.7	61.8	65.3	66.9	69.2	70.1	70.4	71.1	71.8	71.9	72.0	72.4	72.6	72.7
GE 7000	46.6	54.9	58.9	63.0	66.6	68.2	70.5	71.4	71.7	72.4	73.1	73.2	73.3	73.7	73.9	74.0
GE 6000	46.7	55.2	59.2	63.3	66.9	68.5	70.9	71.7	72.0	72.7	73.4	73.5	73.7	74.0	74.2	74.3
GE 5000	47.5	56.0	60.1	64.2	67.8	69.7	72.0	72.9	73.2	73.9	74.6	74.7	74.8	75.2	75.4	75.5
GE 4500	48.0	56.5	60.5	64.7	68.6	70.4	72.9	73.8	74.1	74.7	75.5	75.6	75.7	76.0	76.2	76.3
GE 4000	49.5	58.5	62.9	67.4	71.5	73.3	75.8	76.7	77.0	77.6	78.5	78.6	78.7	79.0	79.2	79.4
GE 3500	50.3	59.5	64.5	69.0	73.1	74.9	77.4	78.3	78.6	79.2	80.1	80.2	80.4	80.8	81.0	81.1
GE 3000	50.8	60.4	65.8	70.6	74.8	76.8	79.2	80.1	80.4	81.2	82.0	82.2	82.4	82.7	82.9	83.0
GE 2500	52.2	62.0	67.4	72.5	76.8	78.7	81.2	82.0	82.4	83.1	84.0	84.1	84.3	84.6	84.8	84.9
GE 2000	52.8	62.8	68.5	73.8	78.2	80.1	82.7	83.8	84.1	85.1	85.9	86.0	86.2	86.6	86.8	86.9
GE 1800	52.9	62.9	68.6	74.0	78.4	80.3	82.9	84.0	84.3	85.4	86.2	86.3	86.6	86.9	87.1	87.2
GE 1500	53.3	63.3	69.4	74.7	79.1	81.1	83.7	84.7	85.1	86.1	87.1	87.2	87.5	87.8	88.1	88.2
GE 1200	53.8	63.8	69.9	75.3	79.7	81.7	84.3	85.4	85.7	86.8	87.7	87.8	88.2	88.5	88.7	88.8
GE 1000	53.8	63.9	70.0	75.5	80.1	82.3	84.8	85.9	86.2	87.3	88.3	88.4	88.7	89.0	89.2	89.4
GE 900	53.8	63.9	70.1	75.8	80.4	82.6	85.2	86.2	86.6	87.6	88.6	88.7	89.0	89.4	89.6	89.7
GE 800	54.0	64.1	70.4	76.2	81.0	83.2	85.8	86.9	87.2	88.3	89.2	89.4	89.7	90.0	90.2	90.3
GE 700	54.1	64.2	70.5	76.5	81.5	84.1	86.7	88.2	88.5	89.6	90.5	90.6	91.0	91.3	91.5	91.6
GE 600	54.1	64.2	70.5	76.6	81.7	84.3	87.0	88.5	88.8	89.9	90.9	91.0	91.3	91.6	91.8	91.9
GE 500	54.1	64.2	70.6	76.9	82.5	85.2	88.1	89.7	90.0	91.4	92.4	92.5	92.8	93.1	93.3	93.4
GE 400	54.1	64.2	70.8	77.2	83.0	85.7	89.1	91.1	91.4	92.9	93.9	94.0	94.4	94.7	94.9	95.1
GE 300	54.1	64.2	70.8	77.2	83.1	85.8	89.5	91.7	92.0	93.5	94.5	94.6	95.3	95.6	95.9	96.0
GE 200	54.1	64.2	70.8	77.2	83.1	85.8	89.6	91.9	92.3	93.9	95.4	95.5	96.3	96.7	97.0	97.2
GE 100	54.1	64.2	70.8	77.2	83.1	85.8	89.6	91.9	92.3	93.9	95.6	95.7	96.6	97.0	97.6	98.7
GE 000	54.1	64.2	70.8	77.2	83.1	85.8	89.6	91.9	92.3	93.9	95.6	95.7	96.6	97.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.5	51.6	53.3	54.7	55.6	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 20000	53.9	59.2	61.5	63.1	64.3	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	54.0	59.4	61.6	63.2	64.4	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	54.0	59.4	61.6	63.2	64.4	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	54.5	59.9	62.2	63.8	64.9	64.9	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 12000	54.8	60.2	62.5	64.2	65.4	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 10000	58.0	63.5	65.9	67.8	69.2	69.2	69.4	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	59.0	64.8	67.3	69.2	70.6	70.6	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 8000	62.7	68.7	71.3	73.5	74.9	74.9	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 7000	63.8	70.0	72.6	74.8	76.2	76.2	76.3	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	63.8	70.0	72.6	74.8	76.2	76.2	76.3	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	64.7	71.3	74.1	76.3	77.8	77.8	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4500	65.2	71.7	74.6	76.9	78.5	78.5	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000	67.5	74.5	77.4	79.7	81.3	81.4	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	68.9	76.0	78.9	81.2	82.8	82.9	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	71.1	78.3	81.5	83.8	85.4	85.5	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	71.5	78.9	82.2	84.5	86.1	86.2	86.5	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	72.3	80.0	83.2	86.2	88.0	88.1	88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	72.5	80.2	83.4	86.5	88.2	88.3	88.5	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	72.9	80.8	84.1	87.2	88.9	89.1	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	73.5	81.6	84.9	88.1	89.9	90.1	90.5	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	73.8	81.9	85.3	88.9	90.8	91.1	91.6	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	74.0	82.3	85.7	89.6	91.4	91.7	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	74.0	82.3	85.7	89.8	91.8	92.2	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	74.1	82.4	85.9	90.3	92.6	92.9	93.5	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	74.2	82.5	86.1	90.8	93.4	93.8	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	74.4	82.7	86.5	91.4	94.5	94.8	95.9	96.6	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 400	74.4	82.8	86.6	91.6	94.7	95.1	96.1	97.0	97.2	97.4	97.5	97.6	97.8	97.8	97.8	97.8
GE 300	74.4	82.8	86.6	91.6	94.7	95.1	96.3	97.2	97.4	97.6	97.7	97.8	98.1	98.1	98.1	98.1
GE 200	74.4	82.8	86.6	91.6	94.7	95.1	96.3	97.2	97.4	97.7	98.2	98.3	98.5	98.5	98.5	98.5
GE 100	74.4	82.8	86.6	91.6	94.7	95.1	96.3	97.3	97.5	97.8	98.3	98.4	98.8	99.0	99.1	99.7
GE 000	74.4	82.8	86.6	91.6	94.7	95.1	96.3	97.3	97.5	97.8	98.3	98.4	98.9	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.4	53.1	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	58.7	63.7	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	58.9	63.9	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	58.9	63.9	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	59.2	64.2	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	60.0	64.9	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 10000	62.9	68.1	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	63.5	68.9	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 8000	66.9	72.3	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 7000	68.0	73.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	68.2	73.8	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 5000	69.6	75.6	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	70.0	76.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4000	73.4	79.9	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3500	76.2	82.9	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	79.6	86.3	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	80.1	87.0	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	81.0	87.8	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	81.1	88.0	90.4	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1500	82.0	89.1	91.9	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	82.4	89.6	92.6	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	82.5	89.7	92.9	94.2	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	82.8	90.1	93.4	94.9	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	82.9	90.4	93.8	95.6	96.0	96.0	96.2	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	82.9	90.5	93.9	96.0	96.6	96.6	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	82.9	90.5	94.0	96.2	96.9	96.9	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	82.9	90.5	94.0	96.2	97.3	97.3	97.7	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	82.9	90.5	94.0	96.2	97.4	97.4	98.0	98.1	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	82.9	90.5	94.0	96.2	97.5	97.5	98.2	98.4	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	82.9	90.5	94.0	96.2	97.5	97.5	98.2	98.4	98.7	99.4	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	82.9	90.5	94.0	96.2	97.5	97.5	98.2	98.4	98.7	99.4	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	82.9	90.5	94.0	96.2	97.5	97.5	98.2	98.4	98.7	99.4	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.7	55.3	56.8	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	57.3	62.2	63.9	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 18000	57.8	62.7	64.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	57.8	62.7	64.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	58.0	63.0	64.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 12000	58.7	63.8	65.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	61.8	67.5	69.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 9000	62.5	68.3	70.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 8000	66.7	72.8	74.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 7000	67.7	73.9	76.0	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 6000	68.4	74.5	76.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 5000	70.3	76.8	79.2	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500	71.0	77.5	80.0	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	73.8	80.9	83.3	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	75.6	82.9	85.4	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	77.8	85.6	88.1	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	78.7	86.7	89.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	79.5	87.4	90.1	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1800	79.6	87.7	90.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1500	80.0	88.3	91.0	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1200	80.2	88.5	91.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	81.3	89.7	92.7	95.1	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	81.5	89.9	92.9	95.5	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	81.5	90.0	93.2	96.3	97.0	97.0	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	81.6	90.1	93.3	96.6	97.4	97.4	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	81.6	90.1	93.3	96.7	97.6	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	81.6	90.1	93.3	96.7	97.7	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	81.6	90.1	93.3	96.7	97.7	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	81.6	90.1	93.3	96.7	97.7	98.0	98.2	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.5	99.5
GE 200	81.6	90.1	93.3	96.7	97.7	98.0	98.2	98.7	98.7	99.1	99.1	99.2	99.5	99.5	99.8	99.8
GE 100	81.6	90.1	93.3	96.7	97.7	98.0	98.2	98.7	98.7	99.1	99.1	99.2	99.5	99.5	99.8	100.0
GE 000	81.6	90.1	93.3	96.7	97.7	98.0	98.2	98.7	98.7	99.1	99.1	99.2	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	56.2	59.5	60.1	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 20000	58.1	62.2	65.6	66.7	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 18000	58.1	62.2	65.6	66.7	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 16000	58.1	62.2	65.6	66.7	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 14000	58.4	62.7	66.1	67.2	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	58.7	63.2	66.8	67.8	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 10000	60.9	65.6	69.1	70.4	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 9000	61.7	66.6	70.1	71.4	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 8000	65.3	70.5	74.3	75.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 7000	66.9	72.3	76.2	77.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 6000	66.9	72.3	76.2	77.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 5000	68.2	74.0	78.1	79.5	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4500	68.8	74.6	78.9	80.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	71.6	77.8	82.3	83.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	73.9	80.1	84.5	86.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3000	75.1	81.3	85.7	88.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	75.5	81.7	86.1	88.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	76.0	82.6	87.2	89.6	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	76.6	83.1	87.8	90.3	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	76.9	83.4	88.5	91.2	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	77.5	84.1	89.4	92.3	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	77.7	84.4	89.8	92.8	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	77.7	84.4	90.1	93.2	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	77.7	84.4	90.1	93.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	78.0	84.6	90.3	94.0	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	78.0	84.6	90.5	94.2	96.5	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	78.0	84.6	90.5	94.2	96.6	97.0	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	78.0	84.6	90.5	94.2	96.6	97.0	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	78.0	84.8	90.8	94.4	96.8	97.3	97.6	98.6	98.6	98.7	98.7	98.8	98.9	98.9	98.9	99.0
GE 200	78.0	84.8	90.8	94.4	96.8	97.3	97.6	98.6	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.4
GE 100	78.0	84.8	90.8	94.4	96.8	97.3	97.6	98.6	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.4
GE 000	78.0	84.8	90.8	94.4	96.8	97.3	97.6	98.6	98.6	98.7	98.7	98.8	98.9	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	56.9	59.5	61.1	61.9	62.2	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6
GE 20000	56.0	60.3	63.2	65.3	66.2	66.5	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1
GE 18000	56.0	60.3	63.2	65.3	66.2	66.5	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1
GE 16000	56.0	60.3	63.2	65.3	66.2	66.5	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1
GE 14000	56.3	60.9	63.8	65.8	66.8	67.0	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6
GE 12000	56.3	60.9	63.8	65.8	66.8	67.0	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6
GE 10000	58.4	63.2	66.3	68.7	69.7	69.9	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5
GE 9000	58.8	63.8	66.9	69.2	70.2	70.4	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1
GE 8000	62.9	68.3	71.4	73.9	74.9	75.2	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8
GE 7000	64.1	69.5	72.6	75.1	76.1	76.3	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0
GE 6000	64.4	69.9	73.0	75.5	76.6	76.8	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4
GE 5000	65.4	71.1	74.2	76.7	77.8	78.1	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0
GE 4500	66.5	72.3	75.4	77.8	79.0	79.2	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2
GE 4000	70.3	76.8	80.3	83.0	84.3	84.5	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5
GE 3500	71.7	78.2	81.7	84.4	85.8	86.0	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0
GE 3000	73.1	79.6	83.2	85.9	87.4	87.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7
GE 2500	73.8	80.2	83.9	86.6	88.2	88.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5
GE 2000	74.6	81.1	84.7	87.4	89.0	89.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3
GE 1800	74.8	81.3	84.9	87.7	89.6	89.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1
GE 1500	75.1	81.5	85.2	88.0	89.9	90.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4
GE 1200	75.3	81.9	85.7	88.8	91.0	91.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5
GE 1000	75.7	82.6	86.3	89.9	92.0	92.4	93.4	93.4	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7
GE 900	75.7	82.6	86.5	90.0	92.2	92.5	93.5	93.5	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8
GE 800	75.8	82.7	86.8	90.8	93.3	93.7	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9
GE 700	75.8	82.7	86.8	90.9	93.5	93.9	94.9	94.9	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2
GE 600	75.8	82.8	86.9	91.1	94.1	94.4	95.5	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8
GE 500	76.0	83.1	87.2	91.6	94.8	95.3	96.3	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9
GE 400	76.0	83.1	87.2	91.6	94.9	95.4	96.5	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5
GE 300	76.0	83.2	87.3	91.7	95.2	95.6	96.9	97.2	97.6	97.8	97.8	98.0	98.3	98.3	98.4	98.4
GE 200	76.0	83.2	87.3	91.7	95.2	95.6	96.9	97.3	97.7	98.1	98.1	98.2	98.5	98.5	98.8	98.8
GE 100	76.0	83.2	87.3	91.7	95.2	95.6	96.9	97.3	97.7	98.1	98.1	98.2	98.6	98.7	99.1	99.2
GE 000	76.0	83.2	87.3	91.7	95.2	95.6	96.9	97.3	97.7	98.1	98.1	98.2	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.5	52.6	54.9	56.4	57.6	58.1	58.5	58.7	58.7	58.9	59.0	59.0	59.0	59.1	59.1	59.1
GE 20000	53.1	58.3	61.0	62.6	64.1	64.5	65.0	65.3	65.3	65.5	65.6	65.6	65.6	65.7	65.7	65.7
GE 18000	53.3	58.4	61.1	62.8	64.2	64.6	65.1	65.4	65.4	65.6	65.7	65.7	65.7	65.8	65.8	65.9
GE 16000	53.3	58.4	61.1	62.8	64.2	64.6	65.1	65.4	65.4	65.6	65.7	65.7	65.7	65.8	65.8	65.9
GE 14000	53.5	58.7	61.4	63.1	64.6	65.0	65.5	65.8	65.8	66.0	66.1	66.1	66.1	66.2	66.2	66.3
GE 12000	53.8	59.1	61.8	63.5	65.0	65.4	66.0	66.2	66.3	66.4	66.5	66.5	66.6	66.6	66.7	66.7
GE 10000	56.0	61.7	64.5	66.4	68.0	68.5	69.1	69.3	69.4	69.6	69.7	69.7	69.7	69.8	69.8	69.9
GE 9000	56.7	62.4	65.3	67.2	68.8	69.3	69.9	70.2	70.2	70.4	70.5	70.6	70.6	70.6	70.7	70.7
GE 8000	60.0	66.0	69.1	71.1	72.8	73.4	73.9	74.2	74.3	74.4	74.6	74.6	74.6	74.7	74.7	74.8
GE 7000	61.0	67.3	70.4	72.5	74.3	74.8	75.3	75.6	75.7	75.9	76.0	76.0	76.0	76.1	76.1	76.2
GE 6000	61.3	67.6	70.8	72.9	74.6	75.1	75.7	76.0	76.0	76.2	76.3	76.3	76.4	76.4	76.5	76.5
GE 5000	62.4	69.0	72.3	74.4	76.2	76.7	77.4	77.6	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.2
GE 4500	63.0	69.6	73.0	75.1	76.9	77.5	78.1	78.4	78.5	78.6	78.8	78.8	78.8	78.9	78.9	79.0
GE 4000	65.9	73.0	76.6	78.9	80.8	81.4	82.1	82.3	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.9
GE 3500	67.5	74.7	78.4	80.8	82.7	83.3	84.0	84.2	84.3	84.5	84.6	84.6	84.7	84.7	84.8	84.8
GE 3000	69.2	76.5	80.4	82.9	84.9	85.5	86.2	86.5	86.5	86.7	86.9	86.9	86.9	87.0	87.0	87.1
GE 2500	69.9	77.4	81.3	83.9	85.9	86.5	87.2	87.5	87.5	87.7	87.9	87.9	88.0	88.0	88.0	88.1
GE 2000	70.8	78.3	82.4	85.1	87.2	87.8	88.5	88.9	88.9	89.2	89.3	89.3	89.4	89.4	89.4	89.5
GE 1800	71.0	78.6	82.6	85.4	87.6	88.2	89.0	89.3	89.4	89.6	89.7	89.8	89.8	89.9	89.9	89.9
GE 1500	71.3	79.0	83.2	86.1	88.3	89.0	89.8	90.1	90.2	90.4	90.6	90.6	90.7	90.7	90.8	90.8
GE 1200	71.7	79.4	83.8	86.8	89.2	89.8	90.7	91.0	91.1	91.3	91.5	91.5	91.6	91.6	91.7	91.7
GE 1000	72.1	79.9	84.2	87.6	90.1	90.8	91.7	92.0	92.1	92.4	92.5	92.6	92.6	92.7	92.7	92.7
GE 900	72.2	80.0	84.5	88.0	90.6	91.2	92.2	92.5	92.6	92.8	93.0	93.0	93.1	93.1	93.2	93.2
GE 800	72.2	80.1	84.7	88.5	91.3	91.9	92.9	93.3	93.3	93.6	93.8	93.8	93.9	93.9	94.0	94.0
GE 700	72.3	80.2	84.9	88.8	91.7	92.4	93.4	93.8	93.9	94.2	94.4	94.4	94.5	94.5	94.5	94.6
GE 600	72.3	80.3	85.0	89.0	92.0	92.8	93.9	94.4	94.4	94.8	94.9	94.9	95.0	95.1	95.1	95.1
GE 500	72.4	80.3	85.1	89.3	92.6	93.4	94.6	95.3	95.4	95.8	95.9	95.9	96.0	96.1	96.1	96.2
GE 400	72.4	80.3	85.1	89.4	92.8	93.6	95.0	95.8	95.9	96.3	96.6	96.6	96.7	96.8	96.8	96.9
GE 300	72.4	80.4	85.2	89.4	92.9	93.8	95.2	96.2	96.4	96.9	97.1	97.2	97.4	97.5	97.6	97.6
GE 200	72.4	80.4	85.2	89.4	92.9	93.8	95.3	96.4	96.5	97.1	97.5	97.6	98.0	98.0	98.2	98.3
GE 100	72.4	80.4	85.2	89.4	92.9	93.8	95.3	96.4	96.6	97.2	97.6	97.7	98.1	98.3	98.7	99.1
GE 000	72.4	80.4	85.2	89.4	92.9	93.8	95.3	96.4	96.6	97.2	97.6	97.7	98.1	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.4	53.9	54.8	57.0	57.8	58.0	58.0	58.1	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.6
GE 20000	54.7	57.7	58.6	60.9	61.8	62.0	62.0	62.1	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.6
GE 18000	54.7	57.7	58.6	60.9	61.8	62.0	62.0	62.1	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.6
GE 16000	54.7	57.7	58.6	60.9	61.8	62.0	62.0	62.1	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.6
GE 14000	55.0	58.0	58.9	61.2	62.1	62.3	62.3	62.4	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.9
GE 12000	56.0	59.0	59.9	62.2	63.1	63.3	63.3	63.4	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.9
GE 10000	59.2	62.7	63.6	65.9	66.8	67.0	67.0	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.6
GE 9000	60.2	63.8	64.7	67.3	68.2	68.4	68.4	68.6	68.6	68.8	68.9	68.9	68.9	68.9	68.9	69.0
GE 8000	62.4	66.7	67.6	70.3	71.4	71.7	71.7	71.8	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.2
GE 7000	64.0	68.2	69.4	72.2	73.3	73.6	73.6	73.7	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.1
GE 6000	64.2	68.4	69.7	72.4	73.7	73.9	73.9	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.4
GE 5000	65.6	69.9	71.2	74.1	75.4	75.7	75.7	75.8	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.2
GE 4500	66.1	70.4	71.8	74.7	76.0	76.2	76.2	76.3	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.8
GE 4000	68.2	72.8	74.1	77.1	78.4	78.8	78.8	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.3
GE 3500	69.7	74.4	75.8	78.8	80.2	80.6	80.8	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.3
GE 3000	72.1	77.4	79.0	82.3	83.8	84.2	84.4	84.6	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.0
GE 2500	73.0	78.6	80.1	83.8	85.2	85.7	85.9	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.4
GE 2000	74.1	79.8	81.3	85.1	86.8	87.2	87.4	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	88.0
GE 1800	74.1	79.8	81.4	85.2	86.9	87.3	87.6	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.1
GE 1500	74.7	80.4	82.1	85.9	87.8	88.2	88.4	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	89.0
GE 1200	75.1	81.1	82.8	86.7	88.8	89.2	89.4	89.6	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.1
GE 1000	75.1	81.6	83.2	87.3	89.4	89.9	90.1	90.2	90.2	90.6	90.7	90.8	90.9	90.9	90.9	91.0
GE 900	75.1	81.8	83.4	87.7	89.8	90.2	90.4	90.6	90.6	90.9	91.0	91.1	91.2	91.3	91.3	91.4
GE 800	75.6	82.4	84.3	89.0	91.3	91.9	92.1	92.2	92.2	92.6	92.7	92.8	92.9	93.0	93.0	93.1
GE 700	75.6	82.6	84.6	89.3	91.9	92.4	92.7	92.8	92.8	93.1	93.2	93.3	93.4	93.6	93.6	93.7
GE 600	75.6	82.9	84.9	89.7	92.3	92.9	93.1	93.2	93.2	93.6	93.7	93.8	93.9	94.0	94.0	94.1
GE 500	75.6	82.9	85.3	90.2	93.2	94.1	95.0	95.2	95.2	95.6	95.7	95.8	96.0	96.1	96.1	96.3
GE 400	75.6	82.9	85.3	90.3	93.3	94.2	95.1	95.3	95.3	95.7	95.8	95.9	96.1	96.2	96.2	96.4
GE 300	75.7	83.2	85.7	90.8	94.0	95.1	96.2	96.4	96.4	96.8	96.9	97.0	97.2	97.3	97.3	97.6
GE 200	75.7	83.2	85.7	90.8	94.1	95.3	96.4	96.8	96.8	97.1	97.2	97.3	97.6	97.7	97.8	98.1
GE 100	75.7	83.2	85.7	90.8	94.1	95.3	96.4	96.8	96.8	97.2	97.3	97.6	97.8	97.9	98.1	99.0
GE 000	75.7	83.2	85.7	90.8	94.1	95.3	96.4	96.8	96.8	97.2	97.3	97.6	97.8	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	53.1	54.3	56.0	56.8	57.2	57.6	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2
GE 20000	52.1	56.6	58.0	59.9	60.7	61.2	61.6	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2
GE 18000	52.1	56.6	58.0	59.9	60.7	61.2	61.6	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2
GE 16000	52.1	56.6	58.0	59.9	60.7	61.2	61.6	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2
GE 14000	52.3	56.8	58.2	60.1	60.9	61.4	61.8	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	53.1	57.6	59.0	60.9	61.7	62.2	62.6	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	55.9	60.3	62.2	64.1	64.9	65.4	65.8	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4
GE 9000	57.3	61.8	63.7	65.8	66.6	67.1	67.4	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000	59.1	63.8	65.9	68.1	69.1	69.7	70.0	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7
GE 7000	60.2	65.0	67.3	69.6	70.7	71.2	71.6	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	60.8	65.6	68.0	70.4	71.6	72.1	72.4	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1
GE 5000	62.0	66.8	69.3	71.8	73.0	73.7	74.0	74.4	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	62.6	67.4	70.1	72.9	74.1	74.8	75.1	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	64.8	69.7	72.3	75.2	76.8	77.4	77.8	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	65.4	70.4	73.1	76.1	77.7	78.4	78.8	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	66.8	72.0	75.1	78.6	80.3	81.1	81.4	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	67.3	73.0	76.2	80.1	82.1	82.9	83.2	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	68.8	74.8	78.2	82.2	84.6	85.4	85.8	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	68.9	74.9	78.6	82.6	85.0	85.9	86.2	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	69.6	75.6	79.6	83.7	86.1	87.0	87.3	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0
GE 1200	70.6	76.8	80.9	85.1	87.7	88.6	88.9	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6
GE 1000	70.8	77.1	81.2	85.6	88.2	89.2	89.7	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	71.0	77.3	81.6	86.0	88.8	89.8	90.2	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	71.0	77.3	81.6	86.1	88.9	89.9	90.3	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	71.3	77.7	81.9	86.6	89.6	90.6	91.0	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	71.3	78.0	82.2	87.0	90.0	91.0	91.6	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 500	71.4	78.1	82.8	87.6	91.7	92.7	93.6	94.2	94.2	94.3	94.7	94.7	94.8	94.8	94.8	94.8
GE 400	71.4	78.3	83.0	87.8	92.0	93.0	93.9	94.6	94.6	94.7	95.1	95.1	95.2	95.2	95.2	95.2
GE 300	71.4	78.3	83.2	88.0	92.8	93.8	95.1	95.9	95.9	96.0	96.4	96.4	96.6	96.6	96.9	96.9
GE 200	71.4	78.3	83.3	88.2	93.2	94.3	95.8	96.7	96.9	97.0	97.4	97.6	97.7	97.7	98.0	98.0
GE 100	71.4	78.3	83.3	88.2	93.2	94.3	95.8	96.7	96.9	97.0	97.6	97.7	97.8	97.8	98.4	98.9
GE 000	71.4	78.3	83.3	88.2	93.2	94.3	95.8	96.7	96.9	97.0	97.6	97.7	97.8	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	43.3	45.8	48.9	50.6	50.8	50.8	51.6	51.6	51.8	51.8	51.8	52.0	52.0	52.0	52.0
GE 20000	41.3	47.0	50.2	53.4	55.3	55.7	55.8	56.6	56.6	56.8	56.8	56.8	57.0	57.0	57.0	57.0
GE 18000	41.3	47.0	50.2	53.4	55.3	55.7	55.8	56.6	56.6	56.8	56.8	56.8	57.0	57.0	57.0	57.0
GE 16000	41.3	47.0	50.2	53.4	55.3	55.7	55.8	56.6	56.6	56.8	56.8	56.8	57.0	57.0	57.0	57.0
GE 14000	41.4	47.1	50.3	53.6	55.4	55.8	55.9	56.7	56.7	56.9	56.9	56.9	57.1	57.1	57.1	57.1
GE 12000	42.1	47.9	51.2	54.4	56.3	56.7	56.8	57.6	57.6	57.8	57.8	57.8	58.0	58.0	58.0	58.0
GE 10000	45.8	52.1	55.6	59.0	60.9	61.2	61.4	62.2	62.2	62.4	62.4	62.4	62.7	62.7	62.7	62.7
GE 9000	46.9	53.2	56.7	60.3	62.2	62.6	62.8	63.6	63.6	63.8	63.8	63.8	64.0	64.0	64.0	64.0
GE 8000	49.9	56.4	60.3	64.9	66.8	67.1	67.3	68.1	68.1	68.3	68.3	68.3	68.6	68.6	68.6	68.6
GE 7000	50.7	57.2	61.1	65.8	67.9	68.3	68.6	69.3	69.3	69.6	69.6	69.6	69.8	69.8	69.8	69.8
GE 6000	51.0	57.7	61.6	66.2	68.3	68.8	69.0	69.8	69.8	70.0	70.0	70.0	70.2	70.2	70.2	70.2
GE 5000	51.9	58.7	62.6	67.3	69.6	70.0	70.2	71.0	71.0	71.2	71.2	71.2	71.4	71.4	71.4	71.4
GE 4500	53.0	59.9	64.1	69.1	71.4	72.0	72.2	73.0	73.0	73.2	73.2	73.2	73.4	73.4	73.4	73.4
GE 4000	54.6	61.9	66.2	71.6	74.0	74.8	75.0	76.0	76.0	76.3	76.3	76.3	76.6	76.6	76.6	76.6
GE 3500	55.7	63.2	67.6	73.1	75.6	76.3	76.6	77.6	77.6	78.0	78.0	78.1	78.3	78.3	78.3	78.3
GE 3000	56.6	64.1	68.4	74.2	76.8	77.6	77.8	78.8	78.8	79.2	79.2	79.3	79.6	79.6	79.6	79.6
GE 2500	57.3	65.0	69.3	75.1	77.7	78.4	78.8	79.8	79.8	80.2	80.2	80.3	80.6	80.6	80.6	80.6
GE 2000	58.8	66.7	71.3	77.2	79.9	80.7	81.0	82.1	82.1	82.6	82.6	82.7	82.9	82.9	82.9	82.9
GE 1800	59.1	67.0	71.9	77.8	80.4	81.2	81.6	82.7	82.7	83.1	83.1	83.2	83.4	83.4	83.4	83.4
GE 1500	60.1	68.2	73.4	79.7	82.3	83.2	83.7	84.8	84.8	85.2	85.2	85.3	85.6	85.6	85.6	85.6
GE 1200	61.3	70.0	75.3	81.7	84.6	85.8	86.4	87.6	87.6	88.1	88.1	88.2	88.4	88.4	88.4	88.4
GE 1000	61.4	70.3	75.7	82.3	85.3	86.6	87.2	88.3	88.3	88.9	88.9	89.0	89.2	89.2	89.2	89.2
GE 900	61.7	70.7	76.0	82.7	85.9	87.2	88.0	89.1	89.1	89.7	89.7	89.8	90.0	90.0	90.0	90.0
GE 800	61.8	71.1	76.6	83.6	87.3	88.9	89.8	90.9	90.9	91.4	91.4	91.6	91.8	91.8	91.8	91.8
GE 700	62.1	71.4	76.9	83.9	87.7	89.3	90.2	91.3	91.3	92.0	92.0	92.1	92.3	92.3	92.3	92.3
GE 600	62.1	71.4	77.0	84.0	87.8	89.4	90.3	91.4	91.4	92.2	92.2	92.3	92.6	92.6	92.6	92.6
GE 500	62.1	71.4	77.3	84.3	88.9	90.7	91.6	92.7	92.7	93.4	93.4	93.6	93.8	93.8	93.8	93.8
GE 400	62.1	71.7	77.7	84.7	90.1	92.0	93.0	94.3	94.3	95.1	95.1	95.2	95.4	95.4	95.6	95.8
GE 300	62.1	71.7	77.7	84.7	90.3	92.3	93.3	94.8	94.9	95.8	95.8	95.9	96.1	96.1	96.2	96.4
GE 200	62.1	71.7	77.7	84.7	90.3	92.3	93.4	95.2	95.3	96.4	96.6	96.7	97.1	97.1	97.3	97.7
GE 100	62.1	71.7	77.7	84.7	90.3	92.3	93.7	95.4	95.6	96.7	97.0	97.2	97.7	97.7	98.0	99.0
GE 000	62.1	71.7	77.7	84.7	90.3	92.3	93.7	95.4	95.6	96.7	97.0	97.2	97.7	97.7	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	46.8	48.2	48.9	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6
GE 20000	47.8	53.0	54.7	55.3	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
GE 18000	47.8	53.0	54.7	55.3	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
GE 16000	47.8	53.0	54.7	55.3	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
GE 14000	47.9	53.1	54.8	55.4	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1
GE 12000	49.1	54.6	56.3	57.1	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8
GE 10000	51.0	57.1	58.9	59.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 9000	52.2	58.8	60.6	61.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
GE 8000	56.0	63.2	65.1	66.1	66.4	66.7	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0
GE 7000	57.4	64.9	66.8	67.8	68.1	68.3	68.4	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8
GE 6000	57.7	65.2	67.1	68.1	68.4	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1
GE 5000	59.4	67.2	69.1	70.1	70.4	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1
GE 4500	60.8	68.6	70.4	71.4	71.8	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4
GE 4000	63.7	72.2	74.1	75.2	75.9	76.2	76.3	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8
GE 3500	65.6	74.1	76.0	77.3	78.1	78.6	78.7	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1
GE 3000	67.2	76.0	78.2	79.7	80.8	81.3	81.7	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1
GE 2500	67.8	76.8	79.2	80.7	81.8	82.3	82.7	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 2000	69.4	78.7	81.2	82.8	84.0	84.7	85.1	85.3	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.6
GE 1800	69.8	79.1	81.7	83.2	84.4	85.1	85.6	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0
GE 1500	71.3	80.8	83.3	85.0	86.2	86.9	87.6	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0
GE 1200	72.6	82.2	84.9	86.7	88.1	88.8	89.6	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
GE 1000	72.8	82.9	85.6	87.4	89.0	89.7	90.4	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0
GE 900	72.9	83.0	85.8	87.8	89.3	90.0	90.8	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 800	73.1	83.4	86.6	88.7	90.6	91.2	92.1	92.4	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 700	73.3	83.7	86.9	89.0	91.0	91.7	92.8	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
GE 600	73.3	83.8	87.3	89.8	91.9	92.8	93.9	94.3	94.3	94.4	94.6	94.6	94.7	94.7	94.7	94.7
GE 500	73.4	84.0	87.7	90.2	92.8	93.8	95.2	95.7	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1
GE 400	73.6	84.1	87.8	90.4	93.2	94.2	95.7	96.1	96.2	96.7	96.8	96.8	96.9	96.9	97.0	97.0
GE 300	73.6	84.1	88.0	90.7	93.7	94.7	96.2	96.7	96.8	97.2	97.6	97.6	97.7	97.7	97.8	97.8
GE 200	73.6	84.1	88.0	90.7	93.8	94.9	96.4	96.9	97.0	97.7	98.2	98.2	98.3	98.3	98.4	98.4
GE 100	73.6	84.1	88.0	90.7	93.8	94.9	96.4	96.9	97.0	97.7	98.3	98.3	98.6	98.6	99.0	99.4
GE 000	73.6	84.1	88.0	90.7	93.8	94.9	96.4	96.9	97.0	97.7	98.3	98.3	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	47.3	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	54.8	57.0	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 18000	54.9	57.3	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 16000	54.9	57.3	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 14000	55.1	57.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 12000	56.7	59.2	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	59.1	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000	60.8	63.3	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 8000	63.7	66.8	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	65.0	68.2	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	65.2	68.4	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	67.9	71.1	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500	69.7	72.9	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	73.4	77.0	77.6	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	76.1	80.0	80.7	81.4	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	78.3	83.3	84.1	84.9	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	79.8	85.1	86.0	86.8	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	81.1	86.8	88.0	88.9	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	81.1	86.8	88.0	88.9	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	82.0	87.8	89.0	90.0	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	83.0	88.8	90.0	91.0	91.9	92.1	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	83.1	89.7	91.2	92.4	93.7	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	83.3	90.0	91.8	93.0	94.6	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	83.4	90.1	92.0	93.2	95.0	95.3	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	83.4	90.4	92.4	93.8	95.8	96.1	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	83.4	90.6	92.6	94.0	96.1	96.4	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	83.4	90.6	92.9	94.3	96.7	97.1	97.7	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	83.6	90.7	93.1	94.6	97.1	97.6	98.4	98.7	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	83.6	90.7	93.1	94.6	97.1	97.6	98.6	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	83.6	90.7	93.1	94.6	97.1	97.6	98.7	98.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	83.6	90.7	93.1	94.6	97.1	97.6	98.7	98.9	99.0	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	83.6	90.7	93.1	94.6	97.1	97.6	98.7	98.9	99.0	99.7	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	49.7	50.3	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	58.3	61.2	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	58.4	61.3	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000	58.4	61.3	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 14000	58.7	61.6	62.2	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 12000	60.2	63.2	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 10000	63.1	66.2	67.1	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 9000	65.4	68.8	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	68.3	72.0	73.2	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	69.3	73.0	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 6000	70.7	74.3	76.0	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 5000	72.7	76.4	78.2	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4500	73.7	77.7	79.4	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4000	76.4	80.6	82.3	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	78.0	82.3	84.4	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	79.4	84.2	86.3	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	80.0	85.0	87.3	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	81.2	86.6	88.9	89.8	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	81.4	86.8	89.1	90.0	90.3	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	82.6	88.1	90.4	91.3	91.8	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1200	82.9	88.6	91.0	92.0	92.6	92.8	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	83.6	89.3	91.8	92.8	93.6	93.8	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	83.6	89.4	92.0	93.1	94.1	94.7	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	83.9	89.9	92.6	93.7	95.1	95.8	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	83.9	89.9	92.6	93.8	95.3	96.0	96.3	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	83.9	89.9	92.6	93.9	95.6	96.2	96.7	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	83.9	90.0	92.7	94.0	95.8	96.7	97.1	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	83.9	90.0	92.7	94.0	95.8	96.7	97.1	97.8	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	83.9	90.0	92.7	94.0	95.8	96.7	97.1	97.9	97.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	83.9	90.0	92.7	94.0	95.8	96.7	97.2	98.0	98.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	83.9	90.0	92.7	94.0	95.8	96.7	97.2	98.0	98.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	83.9	90.0	92.7	94.0	95.8	96.7	97.2	98.0	98.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	51.0	52.6	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.5
GE 20000	56.3	59.1	60.7	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 18000	56.3	59.1	60.7	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 16000	56.3	59.1	60.7	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 14000	56.7	59.5	61.0	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
GE 12000	57.6	60.5	62.1	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1
GE 10000	62.6	65.5	67.1	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2
GE 9000	64.1	67.3	68.9	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 8000	66.9	70.4	72.5	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
GE 7000	68.0	71.7	74.2	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
GE 6000	68.9	72.9	75.4	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
GE 5000	70.4	74.6	77.2	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
GE 4500	71.9	76.6	79.2	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
GE 4000	73.8	78.6	81.3	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
GE 3500	75.6	80.7	83.6	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
GE 3000	76.5	81.6	85.1	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
GE 2500	77.7	83.0	86.5	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 2000	78.5	84.0	87.9	89.2	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 1800	78.5	84.1	88.0	89.3	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 1500	78.8	84.7	88.9	90.3	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
GE 1200	79.6	85.7	90.1	91.6	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 1000	79.6	86.0	90.4	92.0	92.9	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
GE 900	79.6	86.2	90.6	92.2	93.3	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
GE 800	79.7	86.3	90.8	92.4	93.7	94.1	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 700	79.7	86.3	90.9	92.8	94.0	94.4	95.1	95.1	95.1	95.3	95.7	95.7	95.8	95.8	95.8	95.8
GE 600	79.7	86.3	90.9	92.9	94.2	94.7	95.3	95.3	95.3	95.5	95.9	95.9	96.0	96.0	96.0	96.0
GE 500	79.7	86.5	91.1	93.2	94.9	95.4	96.4	96.5	96.5	96.8	97.1	97.1	97.2	97.2	97.3	97.3
GE 400	79.7	86.5	91.1	93.2	95.0	96.0	97.0	97.1	97.1	97.4	97.8	97.8	97.9	97.9	98.0	98.0
GE 300	79.7	86.5	91.1	93.2	95.1	96.2	97.3	97.4	97.6	98.1	98.4	98.4	98.6	98.6	98.7	98.7
GE 200	79.7	86.5	91.1	93.2	95.1	96.5	97.9	98.1	98.2	98.8	99.1	99.1	99.2	99.3	99.4	99.4
GE 100	79.7	86.5	91.1	93.2	95.1	96.5	97.9	98.1	98.2	98.8	99.2	99.2	99.3	99.6	99.9	100.0
GE 000	79.7	86.5	91.1	93.2	95.1	96.5	97.9	98.1	98.2	98.8	99.2	99.2	99.3	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	51.8	54.1	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.5	55.5	55.5	55.6
GE 20000	54.4	57.0	59.3	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.1
GE 18000	54.4	57.0	59.3	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.1
GE 16000	54.4	57.0	59.3	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.1
GE 14000	55.0	57.5	59.9	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.6
GE 12000	56.1	58.9	61.2	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.9	62.9	62.9	63.0
GE 10000	60.0	63.2	65.6	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.3
GE 9000	61.5	64.8	67.2	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.9	68.9	68.9	69.0
GE 8000	64.4	67.9	70.7	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.7
GE 7000	65.2	68.8	72.0	73.2	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.2
GE 6000	66.1	69.9	73.2	74.5	75.0	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.4	75.4	75.4	75.5
GE 5000	67.1	71.6	75.3	76.5	77.0	77.1	77.1	77.1	77.1	77.1	77.3	77.3	77.4	77.4	77.4	77.5
GE 4500	67.6	72.1	75.9	77.3	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.3
GE 4000	69.0	73.7	77.5	78.8	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.9
GE 3500	70.8	75.5	79.5	81.0	81.8	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.2	82.2	82.2	82.3
GE 3000	72.8	78.0	82.3	83.9	84.8	84.9	84.9	84.9	84.9	85.1	85.2	85.3	85.4	85.4	85.4	85.5
GE 2500	74.6	80.0	84.5	86.4	87.3	87.4	87.4	87.4	87.4	87.5	87.6	87.7	87.8	87.8	87.8	88.0
GE 2000	75.3	80.7	85.3	87.6	88.6	88.7	88.7	88.7	88.7	88.9	89.0	89.1	89.2	89.2	89.2	89.3
GE 1800	75.3	80.7	85.4	87.7	88.7	88.9	88.9	88.9	88.9	89.0	89.1	89.2	89.3	89.3	89.3	89.4
GE 1500	75.4	81.2	86.0	88.5	89.6	89.7	89.7	89.7	89.7	89.9	90.0	90.1	90.2	90.2	90.2	90.3
GE 1200	75.7	81.5	86.3	88.9	90.0	90.1	90.1	90.2	90.2	90.3	90.4	90.5	90.6	90.6	90.6	90.7
GE 1000	75.9	82.2	87.3	90.1	91.2	91.3	91.3	91.6	91.6	91.8	91.9	92.1	92.2	92.2	92.2	92.3
GE 900	75.9	82.2	87.7	90.5	91.9	92.0	92.0	92.3	92.3	92.4	92.5	92.8	92.9	92.9	92.9	93.0
GE 800	76.1	82.4	88.0	91.1	93.0	93.2	93.4	93.8	93.8	93.9	94.0	94.2	94.3	94.3	94.3	94.4
GE 700	76.3	82.5	88.2	91.4	93.3	93.5	94.0	94.3	94.3	94.4	94.8	95.0	95.1	95.1	95.1	95.2
GE 600	76.3	82.7	88.4	91.6	93.5	93.8	94.4	94.8	94.8	94.9	95.2	95.4	95.5	95.5	95.5	95.7
GE 500	76.4	83.1	89.0	92.4	94.4	94.9	95.9	96.3	96.3	96.4	96.8	97.0	97.1	97.1	97.1	97.2
GE 400	76.4	83.2	89.1	92.5	94.5	95.0	96.0	96.5	96.5	96.7	97.0	97.2	97.3	97.3	97.3	97.4
GE 300	76.4	83.2	89.1	92.5	94.6	95.1	96.4	97.0	97.2	97.3	97.7	97.9	98.0	98.0	98.0	98.1
GE 200	76.4	83.2	89.1	92.5	94.6	95.2	96.7	97.3	97.5	97.8	98.2	98.4	98.6	98.6	98.6	98.7
GE 100	76.4	83.2	89.1	92.5	94.6	95.2	96.7	97.5	97.8	98.0	98.4	98.7	98.8	98.8	98.8	99.4
GE 000	76.4	83.2	89.1	92.5	94.6	95.2	96.7	97.5	97.8	98.0	98.4	98.7	98.8	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.5	49.6	51.0	52.1	52.7	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.2
GE 20000	52.5	56.1	57.6	58.9	59.5	59.6	59.7	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.1
GE 18000	52.5	56.1	57.7	58.9	59.5	59.7	59.7	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1
GE 16000	52.5	56.1	57.7	58.9	59.5	59.7	59.7	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1
GE 14000	52.8	56.4	57.9	59.2	59.8	59.9	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.4
GE 12000	53.9	57.6	59.2	60.4	61.0	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6
GE 10000	57.1	61.1	62.8	64.1	64.7	64.8	64.9	65.1	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3
GE 9000	58.6	62.7	64.4	65.8	66.4	66.6	66.6	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0
GE 8000	61.3	65.9	67.8	69.5	70.1	70.3	70.4	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.8
GE 7000	62.5	67.1	69.3	70.9	71.6	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3
GE 6000	63.1	67.8	70.0	71.7	72.4	72.6	72.7	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1
GE 5000	64.6	69.5	71.8	73.5	74.3	74.5	74.6	74.8	74.8	74.8	74.9	74.9	75.0	75.0	75.0	75.0
GE 4500	65.7	70.7	73.1	74.9	75.7	75.9	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4
GE 4000	68.0	73.3	75.7	77.6	78.5	78.8	78.9	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.4
GE 3500	69.6	75.1	77.6	79.7	80.6	81.0	81.1	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.6
GE 3000	71.2	77.1	79.8	82.1	83.3	83.7	83.8	84.0	84.0	84.1	84.2	84.2	84.3	84.3	84.3	84.3
GE 2500	72.2	78.3	81.2	83.6	84.8	85.2	85.3	85.5	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8
GE 2000	73.4	79.7	82.8	85.4	86.7	87.1	87.3	87.5	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8
GE 1800	73.5	79.9	83.0	85.6	86.9	87.4	87.6	87.8	87.8	87.9	88.0	88.0	88.1	88.1	88.1	88.1
GE 1500	74.3	80.8	84.1	86.8	88.2	88.7	88.9	89.2	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5
GE 1200	75.1	81.8	85.2	87.9	89.5	90.0	90.3	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	91.0
GE 1000	75.3	82.4	85.8	88.7	90.4	90.9	91.3	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0
GE 900	75.4	82.6	86.1	89.1	91.0	91.5	92.0	92.3	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.7
GE 800	75.6	82.9	86.5	89.7	91.9	92.5	93.0	93.3	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.8
GE 700	75.7	83.1	86.8	90.1	92.3	93.0	93.6	93.9	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.5
GE 600	75.7	83.2	87.0	90.4	92.7	93.4	94.0	94.4	94.4	94.6	94.8	94.8	94.9	94.9	94.9	95.0
GE 500	75.7	83.3	87.3	90.8	93.5	94.4	95.3	95.8	95.8	96.1	96.3	96.3	96.4	96.4	96.5	96.5
GE 400	75.8	83.4	87.5	90.9	93.9	94.8	95.8	96.3	96.3	96.7	96.9	97.0	97.1	97.1	97.2	97.2
GE 300	75.8	83.5	87.6	91.0	94.2	95.2	96.3	96.9	96.9	97.5	97.7	97.8	97.9	97.9	98.0	98.1
GE 200	75.8	83.5	87.6	91.1	94.3	95.4	96.6	97.2	97.3	97.9	98.3	98.4	98.5	98.6	98.7	98.8
GE 100	75.8	83.5	87.6	91.1	94.3	95.4	96.6	97.3	97.4	98.0	98.4	98.5	98.7	98.7	99.0	99.5
GE 000	75.8	83.5	87.6	91.1	94.3	95.4	96.6	97.3	97.4	98.0	98.4	98.5	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.1	50.1	51.5	51.8	51.9	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 20000	51.1	54.3	55.7	56.1	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 18000	51.1	54.3	55.7	56.1	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 16000	51.1	54.3	55.7	56.1	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000	51.2	54.4	55.8	56.2	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 12000	52.0	55.3	56.7	57.1	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 10000	55.6	59.1	60.5	61.0	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 9000	56.0	59.8	61.2	61.6	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	60.4	64.2	65.7	66.1	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	60.8	64.5	66.0	66.5	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 6000	61.3	65.1	66.6	67.0	67.6	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 5000	63.9	68.2	69.8	70.4	71.2	71.4	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	65.3	69.7	71.3	71.9	72.8	73.0	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4000	67.7	72.6	74.7	75.5	76.3	76.6	77.0	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	70.2	75.3	77.7	78.7	79.7	80.0	80.4	80.4	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3000	73.1	78.4	81.0	82.2	83.1	83.4	83.9	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	73.9	79.1	81.8	83.0	84.2	84.5	84.9	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	75.1	80.6	83.5	84.7	85.9	86.3	86.8	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	75.1	80.8	83.8	84.9	86.1	86.6	87.0	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1500	75.5	81.4	84.6	85.8	87.1	87.5	88.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	75.6	81.7	84.9	86.1	87.5	88.0	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	75.6	81.7	85.1	86.6	88.2	88.6	89.0	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	75.6	82.2	85.5	87.2	89.0	89.5	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 800	75.6	82.3	85.8	87.7	89.7	90.1	90.6	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	75.8	82.8	86.8	89.0	91.0	91.4	91.9	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	75.8	82.8	86.8	89.2	91.4	91.8	92.4	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	75.9	82.9	86.9	89.5	91.7	92.2	93.1	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 400	75.9	83.0	87.0	89.7	91.9	92.4	93.3	93.7	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 300	75.9	83.0	87.2	90.1	92.4	92.8	93.9	94.8	95.2	95.7	96.0	96.0	96.2	96.2	96.2	96.2
GE 200	75.9	83.0	87.2	90.1	92.5	92.9	94.0	94.9	95.3	96.1	96.9	96.9	97.2	97.2	97.3	97.4
GE 100	75.9	83.0	87.2	90.1	92.5	92.9	94.3	95.3	95.7	96.8	97.7	98.0	98.5	98.7	99.2	99.8
GE 000	75.9	83.0	87.2	90.1	92.5	92.9	94.3	95.3	95.7	96.9	97.8	98.1	98.6	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.5	48.0	49.7	50.4	51.1	51.1	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000	49.5	52.5	54.2	54.9	55.6	55.6	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 18000	49.6	52.6	54.3	55.1	55.7	55.7	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 16000	49.6	52.6	54.3	55.1	55.7	55.7	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 14000	49.6	52.6	54.3	55.1	55.7	55.7	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	50.5	53.5	55.3	56.0	56.7	56.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	54.2	57.3	59.1	59.9	60.5	60.5	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 9000	54.7	58.1	59.9	60.6	61.3	61.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	60.8	64.2	66.5	67.3	68.2	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	61.2	64.8	67.2	68.1	68.9	69.0	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 6000	61.4	65.4	67.7	68.6	69.5	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	63.9	68.3	70.9	71.8	72.7	72.8	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	64.6	69.1	71.7	72.8	73.7	73.8	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	67.0	71.7	74.5	75.8	76.7	76.8	77.2	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	68.5	73.4	76.7	78.1	79.2	79.4	79.8	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	71.2	76.5	79.8	81.4	82.7	82.8	83.2	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	71.3	76.8	80.4	82.2	83.4	83.7	84.1	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	72.3	78.0	81.7	83.8	85.2	85.5	85.9	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1800	72.5	78.3	82.2	84.2	85.6	85.9	86.3	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1500	72.6	78.6	82.6	84.7	86.1	86.6	87.0	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	72.6	78.7	82.8	85.1	86.5	86.9	87.6	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	72.7	79.1	83.4	85.9	87.4	87.8	88.6	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	72.7	79.1	83.5	86.0	87.7	88.2	88.9	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	72.7	79.1	83.8	86.5	88.3	88.8	89.7	90.1	90.4	90.5	90.6	90.6	90.6	90.6	90.8	90.8
GE 700	72.8	79.5	84.6	87.6	89.6	90.1	91.0	91.4	91.7	91.8	91.9	91.9	91.9	91.9	92.0	92.0
GE 600	72.8	79.5	84.6	87.8	89.9	90.5	91.5	91.9	92.3	92.4	92.5	92.5	92.7	92.7	92.8	92.8
GE 500	73.0	79.7	84.8	88.6	91.1	91.7	92.8	93.3	93.7	94.1	94.2	94.2	94.4	94.4	94.5	94.5
GE 400	73.0	79.7	84.8	88.6	91.3	91.9	93.3	94.1	94.4	95.3	95.4	95.4	95.7	95.7	96.0	96.0
GE 300	73.0	79.7	84.8	88.7	91.5	92.2	94.1	95.1	95.5	96.5	96.8	96.8	97.1	97.1	97.4	97.4
GE 200	73.0	79.7	84.8	88.7	91.6	92.3	94.2	95.5	95.9	96.9	97.2	97.2	97.7	97.7	98.1	98.1
GE 100	73.0	79.7	84.8	88.7	91.6	92.4	94.5	96.1	96.6	97.6	98.2	98.2	98.9	98.9	99.2	99.7
GE 000	73.0	79.7	84.8	88.7	91.6	92.4	94.5	96.1	96.6	97.6	98.2	98.2	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.8	41.4	43.5	44.4	45.3	45.5	45.5	45.7	45.7	45.7	46.0	46.0	46.1	46.1	46.1	46.1
GE 20000	43.4	47.1	49.6	50.5	51.5	51.7	51.8	52.0	52.0	52.0	52.5	52.5	52.6	52.6	52.6	52.6
GE 18000	43.5	47.2	49.7	50.6	51.6	51.8	51.9	52.2	52.2	52.2	52.6	52.6	52.7	52.7	52.7	52.7
GE 16000	43.5	47.2	49.7	50.6	51.6	51.8	51.9	52.2	52.2	52.2	52.6	52.6	52.7	52.7	52.7	52.7
GE 14000	43.7	47.3	49.8	50.8	51.7	51.9	52.0	52.3	52.3	52.3	52.7	52.7	52.8	52.8	52.8	52.8
GE 12000	44.2	47.8	50.3	51.3	52.3	52.5	52.6	52.8	52.8	52.8	53.2	53.2	53.3	53.3	53.3	53.3
GE 10000	50.4	54.9	57.5	58.6	59.7	59.9	60.0	60.2	60.2	60.2	60.6	60.6	60.8	60.8	60.8	60.8
GE 9000	51.0	55.6	58.2	59.2	60.3	60.5	60.6	60.9	60.9	60.9	61.3	61.3	61.4	61.4	61.4	61.4
GE 8000	56.0	61.0	63.8	64.9	66.2	66.8	66.9	67.1	67.1	67.1	67.5	67.5	67.6	67.6	67.6	67.6
GE 7000	57.3	62.4	65.4	66.6	67.8	68.4	68.5	68.7	68.7	68.7	69.1	69.1	69.2	69.2	69.2	69.2
GE 6000	57.7	63.0	66.0	67.2	68.5	69.0	69.1	69.4	69.4	69.4	69.8	69.8	69.9	69.9	69.9	69.9
GE 5000	60.0	65.8	68.9	70.3	71.7	72.6	72.7	72.9	72.9	72.9	73.3	73.3	73.4	73.4	73.4	73.4
GE 4500	60.5	66.3	69.5	70.9	72.3	73.1	73.2	73.4	73.4	73.4	73.9	73.9	74.0	74.0	74.0	74.0
GE 4000	62.9	69.1	72.6	74.3	75.7	76.6	76.8	77.0	77.1	77.1	77.5	77.5	77.6	77.6	77.6	77.6
GE 3500	64.9	71.4	74.9	77.2	78.8	79.7	79.9	80.2	80.3	80.3	80.8	80.8	80.9	80.9	80.9	80.9
GE 3000	66.6	73.7	77.3	79.6	81.5	82.4	82.6	82.9	83.0	83.0	83.4	83.4	83.5	83.5	83.5	83.5
GE 2500	67.1	74.5	78.3	80.5	82.5	83.3	83.5	83.9	84.0	84.0	84.4	84.4	84.5	84.5	84.5	84.5
GE 2000	67.7	75.5	79.7	82.0	84.1	84.9	85.3	85.6	85.7	85.7	86.1	86.1	86.2	86.2	86.2	86.2
GE 1800	67.8	75.7	79.9	82.3	84.3	85.2	85.5	85.8	85.9	85.9	86.3	86.3	86.5	86.5	86.5	86.5
GE 1500	68.2	76.3	80.8	83.2	85.5	86.3	86.7	87.0	87.1	87.1	87.5	87.5	87.6	87.6	87.6	87.6
GE 1200	68.2	76.6	81.1	83.7	86.0	87.0	87.4	87.7	87.8	87.8	88.3	88.3	88.4	88.4	88.4	88.4
GE 1000	68.3	77.0	81.5	84.4	86.8	87.7	88.3	88.6	88.7	88.7	89.1	89.1	89.2	89.2	89.2	89.2
GE 900	68.4	77.1	81.7	84.6	87.0	88.0	88.5	88.8	88.9	88.9	89.4	89.4	89.5	89.5	89.5	89.5
GE 800	68.8	77.6	82.7	85.8	88.3	89.2	90.0	90.3	90.4	90.4	91.0	91.0	91.1	91.1	91.1	91.1
GE 700	68.9	77.7	83.1	86.5	89.2	90.2	91.2	91.5	91.6	91.6	92.2	92.2	92.4	92.4	92.4	92.4
GE 600	68.9	77.8	83.2	86.6	89.4	90.3	91.5	92.0	92.2	92.3	92.8	92.8	93.0	93.0	93.0	93.0
GE 500	68.9	78.0	83.4	87.2	90.5	91.5	92.8	93.5	93.7	94.0	94.5	94.5	94.7	94.7	94.8	94.8
GE 400	68.9	78.0	83.4	87.2	90.6	91.7	93.1	94.2	94.3	94.7	95.4	95.4	95.6	95.6	95.7	95.7
GE 300	68.9	78.0	83.4	87.2	91.0	92.2	93.7	94.8	94.9	95.4	96.0	96.0	96.2	96.2	96.3	96.3
GE 200	68.9	78.0	83.4	87.2	91.1	92.3	93.9	95.3	95.4	96.3	97.1	97.1	97.3	97.3	97.4	97.4
GE 100	68.9	78.0	83.4	87.3	91.2	92.4	94.0	95.7	95.8	97.0	97.8	97.8	98.5	98.7	99.2	99.2
GE 000	68.9	78.0	83.4	87.3	91.2	92.4	94.0	95.7	95.8	97.0	97.8	97.8	98.5	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.5	41.2	41.6	42.2	42.5	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 20000	47.4	49.5	50.1	50.9	51.4	51.7	51.9	52.0	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3
GE 18000	47.5	49.7	50.3	51.1	51.6	51.9	52.2	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5
GE 16000	47.5	49.7	50.3	51.1	51.6	51.9	52.2	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5
GE 14000	47.6	49.8	50.4	51.2	51.7	52.0	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6
GE 12000	49.5	51.9	52.7	53.4	54.0	54.3	54.5	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8
GE 10000	53.4	56.5	57.3	58.7	59.2	59.6	59.8	59.9	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.2
GE 9000	53.9	56.9	57.8	59.2	59.9	60.2	60.5	60.6	60.6	60.8	60.9	60.9	61.0	61.0	61.0	61.0
GE 8000	58.5	62.2	63.7	65.2	65.8	66.1	66.5	66.6	66.6	66.7	66.9	66.9	67.0	67.0	67.0	67.0
GE 7000	61.1	65.1	66.9	68.4	69.0	69.4	69.7	69.8	69.8	69.9	70.1	70.1	70.2	70.2	70.2	70.2
GE 6000	62.2	66.1	68.0	69.5	70.1	70.4	70.8	70.9	70.9	71.0	71.2	71.2	71.3	71.3	71.3	71.3
GE 5000	63.5	67.7	69.9	71.4	72.0	72.4	72.7	72.8	72.8	72.9	73.1	73.1	73.2	73.2	73.2	73.2
GE 4500	63.9	68.1	70.4	72.0	72.8	73.1	73.4	73.5	73.5	73.7	73.9	73.9	74.0	74.0	74.0	74.0
GE 4000	66.8	71.2	73.8	75.4	76.2	76.6	77.0	77.1	77.1	77.2	77.4	77.4	77.5	77.5	77.5	77.5
GE 3500	67.7	72.7	75.4	77.1	78.1	78.4	78.8	78.9	78.9	79.0	79.2	79.2	79.4	79.4	79.4	79.4
GE 3000	69.6	75.1	77.7	79.6	80.6	81.1	81.5	81.6	81.6	81.7	81.9	81.9	82.0	82.0	82.0	82.0
GE 2500	69.8	75.6	78.3	80.1	81.2	81.7	82.2	82.3	82.3	82.4	82.6	82.6	82.7	82.7	82.7	82.7
GE 2000	70.9	77.0	79.8	81.6	82.9	83.8	84.4	84.5	84.5	84.6	84.8	84.8	84.9	84.9	84.9	84.9
GE 1800	71.1	77.2	80.0	81.8	83.2	84.1	84.7	84.8	84.8	84.9	85.2	85.2	85.3	85.3	85.3	85.3
GE 1500	71.3	77.6	80.4	82.5	84.4	85.3	85.9	86.0	86.0	86.2	86.5	86.5	86.6	86.6	86.6	86.6
GE 1200	71.6	78.1	81.1	83.4	85.8	86.7	87.3	87.4	87.4	87.7	88.1	88.1	88.2	88.2	88.2	88.2
GE 1000	71.7	78.4	81.5	83.9	86.3	87.3	88.0	88.1	88.1	88.5	88.9	88.9	89.0	89.0	89.0	89.0
GE 900	71.8	78.5	81.9	84.3	86.8	87.7	88.4	88.5	88.5	88.9	89.4	89.4	89.5	89.5	89.5	89.5
GE 800	72.4	79.1	82.7	85.2	87.8	88.8	89.5	89.6	89.6	90.0	90.5	90.5	90.6	90.6	90.6	90.6
GE 700	72.7	79.6	83.2	85.8	88.7	89.7	90.4	90.5	90.5	91.2	91.8	91.8	91.9	91.9	91.9	91.9
GE 600	72.7	79.6	83.3	85.9	88.8	89.9	90.6	91.0	91.0	91.6	92.3	92.3	92.4	92.4	92.4	92.4
GE 500	72.7	79.7	83.8	86.9	90.5	91.7	92.6	93.0	93.0	93.9	94.5	94.5	94.6	94.6	94.6	94.6
GE 400	72.7	79.7	83.8	87.1	90.9	92.5	93.9	94.5	94.6	95.5	96.3	96.3	96.6	96.6	96.7	96.7
GE 300	72.7	79.7	83.8	87.1	91.0	92.6	94.1	94.7	94.9	96.2	97.5	97.5	97.8	97.8	98.0	98.0
GE 200	72.7	79.7	83.8	87.1	91.0	92.6	94.1	94.8	95.1	96.8	98.2	98.2	98.6	98.6	98.9	98.9
GE 100	72.7	79.7	83.8	87.1	91.0	92.6	94.1	94.8	95.1	96.8	98.3	98.3	98.8	98.8	99.4	99.6
GE 000	72.7	79.7	83.8	87.1	91.0	92.6	94.1	94.8	95.1	96.8	98.3	98.3	98.8	98.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.7	42.2	42.7	43.0	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 20000	52.9	53.5	54.2	54.6	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 18000	53.7	54.3	55.2	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 16000	53.7	54.3	55.2	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 14000	54.0	54.6	55.5	55.9	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 12000	54.8	55.5	56.3	56.8	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	59.4	60.2	61.2	61.7	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000	60.2	61.1	62.0	62.6	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 8000	64.7	65.7	66.8	67.3	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	66.3	67.4	68.5	69.1	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 6000	67.0	68.2	69.2	69.9	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 5000	67.8	69.0	70.2	71.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	68.9	70.3	71.5	72.7	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	72.4	73.8	75.5	76.7	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	73.7	75.4	77.1	78.4	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	77.2	79.0	80.8	82.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2500	77.8	79.7	81.4	82.7	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2000	78.5	80.8	82.7	84.0	85.2	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	78.5	80.9	82.8	84.1	85.3	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1500	79.2	81.7	83.8	85.2	86.5	86.6	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	79.6	82.2	84.8	86.2	87.6	87.7	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1000	79.7	82.3	85.1	86.5	87.8	88.0	88.5	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	80.1	82.7	85.5	86.9	88.4	88.5	89.0	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	80.3	82.9	85.8	87.7	89.6	89.7	90.2	91.1	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 700	80.5	83.1	86.0	88.2	90.2	90.3	90.9	92.0	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GE 600	80.5	83.1	86.0	88.4	90.4	90.8	91.7	92.9	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	81.1	83.8	86.9	89.5	91.6	91.9	93.1	94.4	94.4	95.3	95.8	95.8	95.9	95.9	95.9	95.9
GE 400	81.1	83.9	87.0	89.6	91.9	92.3	93.5	95.1	95.1	95.9	96.5	96.5	96.9	96.9	96.9	96.9
GE 300	81.1	83.9	87.1	89.7	92.2	92.7	94.2	95.8	96.0	97.4	98.2	98.2	98.6	98.6	98.6	98.6
GE 200	81.1	83.9	87.1	89.7	92.2	92.7	94.4	96.1	96.3	98.1	98.8	98.8	99.6	99.6	99.7	99.7
GE 100	81.1	83.9	87.1	89.7	92.2	92.7	94.4	96.1	96.3	98.1	98.8	98.8	99.6	99.8	99.9	99.9
GE 000	81.1	83.9	87.1	89.7	92.2	92.7	94.4	96.1	96.3	98.1	98.8	98.8	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.8	41.7	42.4	42.6	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 20000	50.8	51.9	52.8	53.1	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 18000	51.6	52.8	53.7	54.0	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	51.6	52.8	53.7	54.0	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 14000	52.4	53.7	54.5	54.8	54.9	54.9	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	54.1	55.5	56.3	56.7	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 10000	60.1	61.6	62.5	62.9	63.0	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4
GE 9000	61.3	62.8	63.7	64.1	64.2	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.6
GE 8000	66.5	68.1	68.9	69.5	69.6	69.6	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.0
GE 7000	68.2	69.8	70.6	71.2	71.4	71.4	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8
GE 6000	69.0	70.6	71.5	72.0	72.3	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7
GE 5000	70.2	71.9	72.8	73.8	74.1	74.2	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
GE 4500	70.4	72.2	73.0	74.0	74.3	74.4	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.1
GE 4000	73.2	75.4	76.6	77.5	77.8	78.0	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6
GE 3500	75.1	77.3	78.5	79.6	79.9	80.0	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6
GE 3000	78.0	80.5	81.8	83.2	83.9	84.0	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6
GE 2500	79.0	81.6	82.9	84.3	85.1	85.4	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0
GE 2000	79.6	82.6	83.9	85.4	86.1	86.5	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
GE 1800	79.6	82.6	83.9	85.4	86.1	86.5	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3
GE 1500	79.7	82.7	84.0	85.5	86.2	86.6	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.5
GE 1200	80.2	83.2	84.5	86.1	87.2	87.5	88.0	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.5
GE 1000	80.8	83.9	85.2	86.8	87.8	88.3	88.7	88.9	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.4
GE 900	80.9	84.1	85.4	87.0	88.2	88.6	89.1	89.4	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.8
GE 800	81.0	84.3	85.6	87.3	88.7	89.2	89.8	90.2	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.6
GE 700	81.1	84.4	85.8	87.7	89.5	90.0	90.5	91.0	91.1	91.3	91.6	91.6	91.6	91.6	91.6	91.7
GE 600	81.2	84.5	86.0	88.0	89.9	90.4	91.1	91.7	91.8	92.0	92.5	92.5	92.5	92.5	92.5	92.6
GE 500	81.3	84.8	86.3	88.5	90.9	91.7	92.6	93.5	93.7	94.1	94.9	94.9	94.9	94.9	95.1	95.2
GE 400	81.3	84.9	86.5	88.7	91.4	92.3	93.3	94.5	94.8	95.6	96.7	96.7	97.0	97.0	97.1	97.2
GE 300	81.3	84.9	86.5	88.7	91.4	92.3	93.5	94.8	95.2	96.7	97.8	97.8	98.3	98.3	98.4	98.5
GE 200	81.3	84.9	86.5	88.7	91.5	92.4	93.8	95.1	95.4	96.9	98.1	98.1	98.6	98.6	98.8	99.1
GE 100	81.3	84.9	86.5	88.7	91.5	92.4	93.8	95.1	95.4	96.9	98.1	98.1	98.6	98.7	99.1	99.7
GE 000	81.3	84.9	86.5	88.7	91.5	92.4	93.8	95.1	95.4	96.9	98.1	98.1	98.6	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	46.1	46.5	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	52.3	53.2	53.7	54.2	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 18000	52.5	53.4	53.9	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	52.6	53.5	54.0	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 14000	53.1	54.1	54.7	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 12000	54.3	55.8	56.2	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	59.4	61.0	61.4	62.0	62.3	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
GE 9000	59.8	61.4	61.8	62.6	62.8	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
GE 8000	64.6	66.3	66.8	67.6	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
GE 7000	66.1	68.0	68.4	69.2	69.6	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000	67.1	69.0	69.5	70.3	70.6	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 5000	67.8	69.9	70.3	71.4	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
GE 4500	68.4	70.4	71.4	72.7	73.0	73.1	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
GE 4000	71.7	74.3	75.8	77.1	77.4	77.5	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	74.3	77.3	78.9	80.3	81.0	81.1	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	76.5	79.6	81.7	83.2	83.9	84.0	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	77.4	80.6	82.8	84.3	85.1	85.2	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	78.0	81.7	84.0	85.6	86.5	86.6	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	78.2	82.0	84.3	85.9	86.8	86.9	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 1500	78.3	82.2	84.6	86.2	87.1	87.2	87.5	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	78.5	82.6	85.2	86.9	88.1	88.2	88.5	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	78.7	82.8	85.4	87.1	88.6	88.7	89.4	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7
GE 900	79.1	83.4	86.0	87.8	89.4	89.5	90.1	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	79.2	83.5	86.2	88.1	89.7	89.8	90.4	90.5	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9
GE 700	79.2	83.9	86.6	88.5	90.2	90.5	91.2	91.6	91.6	91.6	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	79.2	84.1	86.8	88.8	90.5	91.0	91.8	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	79.4	84.3	87.0	89.1	91.1	91.7	92.7	93.5	93.5	93.8	94.4	94.4	94.4	94.4	94.4	94.4
GE 400	79.5	84.5	87.5	90.1	92.5	93.1	94.7	95.8	95.9	96.1	96.8	96.8	96.9	97.2	97.2	97.2
GE 300	79.5	84.5	87.5	90.1	92.8	93.4	95.2	96.7	96.8	97.2	98.0	98.0	98.1	98.4	98.4	98.4
GE 200	79.5	84.5	87.5	90.2	93.2	93.9	95.7	97.3	97.5	98.0	98.8	98.8	99.1	99.5	99.5	99.5
GE 100	79.5	84.5	87.5	90.2	93.2	93.9	95.7	97.3	97.5	98.0	98.8	98.8	99.4	99.7	99.9	100.0
GE 000	79.5	84.5	87.5	90.2	93.2	93.9	95.7	97.3	97.5	98.0	98.8	98.8	99.4	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.4	49.0	49.8	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	52.8	54.5	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2
GE 18000	52.8	54.5	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2
GE 16000	52.8	54.5	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2
GE 14000	53.1	54.8	55.7	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
GE 12000	54.7	56.6	57.4	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
GE 10000	59.1	61.0	61.9	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
GE 9000	59.2	61.3	62.3	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
GE 8000	63.5	65.6	66.6	67.2	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.1
GE 7000	64.6	66.8	68.0	68.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.5
GE 6000	65.3	67.4	68.6	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.1
GE 5000	67.4	69.9	71.2	71.8	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8
GE 4500	68.2	70.6	72.0	72.7	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.0
GE 4000	71.1	74.4	76.6	77.3	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.6
GE 3500	72.2	75.8	78.1	78.8	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.2
GE 3000	75.4	79.4	82.0	82.8	83.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.4
GE 2500	76.5	80.5	83.4	84.2	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	86.0
GE 2000	76.9	81.1	84.5	85.6	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.6
GE 1800	77.0	81.2	84.6	85.8	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.8
GE 1500	77.0	81.5	85.1	86.3	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5
GE 1200	77.2	82.3	85.8	87.1	88.4	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.4
GE 1000	77.3	82.7	86.3	87.6	89.4	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.3
GE 900	77.5	83.2	87.1	88.4	90.2	90.6	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.3	91.3	91.4
GE 800	77.6	83.3	87.2	88.5	90.3	90.8	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.6	91.6	91.7
GE 700	78.0	83.8	87.6	89.0	90.9	91.3	91.9	91.9	91.9	91.9	91.9	92.2	92.2	92.3	92.3	92.4
GE 600	78.0	83.8	87.6	89.0	90.9	91.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.7	92.7	92.8
GE 500	78.1	83.9	87.8	89.2	91.6	92.2	93.3	93.8	93.9	93.9	94.1	94.1	94.2	94.2	94.2	94.3
GE 400	78.1	83.9	87.8	89.4	91.7	92.3	93.5	94.0	94.4	94.4	94.4	94.8	94.8	95.3	95.3	95.4
GE 300	78.1	83.9	87.8	89.4	91.9	92.5	94.2	95.2	95.8	95.9	96.5	96.5	96.9	96.9	96.9	97.0
GE 200	78.1	83.9	87.8	89.5	92.3	92.9	94.6	95.7	96.3	96.6	97.3	97.3	97.8	97.8	97.8	98.3
GE 100	78.1	83.9	87.8	89.5	92.3	92.9	94.6	95.8	96.8	97.0	98.1	98.2	99.0	99.0	99.2	99.7
GE 000	78.1	83.9	87.8	89.5	92.3	92.9	94.6	95.8	96.8	97.0	98.2	98.3	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER APB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.1	45.0	46.0	46.4	46.8	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 20000	50.0	52.1	53.2	53.8	54.2	54.3	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	50.3	52.4	53.5	54.1	54.5	54.6	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
GE 16000	50.3	52.4	53.5	54.1	54.5	54.6	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
GE 14000	50.6	52.7	53.8	54.4	54.8	54.9	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	51.8	54.0	55.2	55.7	56.1	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
GE 10000	56.5	59.0	60.2	60.9	61.3	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8
GE 9000	57.0	59.6	60.9	61.6	62.0	62.1	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
GE 8000	61.9	64.7	66.1	66.9	67.5	67.7	67.8	67.9	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.1
GE 7000	63.2	66.1	67.6	68.5	69.1	69.2	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7
GE 6000	63.9	66.9	68.4	69.2	69.8	70.0	70.1	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	65.6	68.8	70.5	71.5	72.2	72.4	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0
GE 4500	66.3	69.6	71.4	72.5	73.2	73.4	73.7	73.8	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.0
GE 4000	69.1	72.8	75.0	76.2	76.9	77.2	77.5	77.6	77.7	77.7	77.8	77.8	77.9	77.9	77.9	77.9
GE 3500	70.8	74.8	77.2	78.5	79.4	79.7	80.0	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000	73.4	77.8	80.3	81.7	82.8	83.1	83.4	83.5	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	74.1	78.6	81.2	82.7	83.8	84.2	84.5	84.6	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9
GE 2000	74.9	79.7	82.5	84.1	85.3	85.8	86.1	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6	86.6
GE 1800	75.0	79.8	82.7	84.3	85.6	86.0	86.4	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	75.2	80.3	83.2	84.9	86.3	86.8	87.2	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.7
GE 1200	75.4	80.7	83.8	85.6	87.1	87.6	88.1	88.2	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.6
GE 1000	75.6	81.0	84.2	86.1	87.8	88.3	88.8	89.0	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.5
GE 900	75.8	81.3	84.6	86.5	88.3	88.8	89.4	89.6	89.7	89.8	90.0	90.0	90.1	90.1	90.1	90.1
GE 800	76.0	81.5	85.0	87.1	89.0	89.6	90.2	90.5	90.6	90.7	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	76.1	81.8	85.5	87.8	89.9	90.4	91.1	91.5	91.6	91.8	92.1	92.1	92.1	92.1	92.2	92.2
GE 600	76.1	81.9	85.6	88.0	90.1	90.8	91.6	92.1	92.2	92.4	92.7	92.7	92.8	92.8	92.8	92.9
GE 500	76.3	82.1	85.9	88.6	91.1	91.8	92.9	93.5	93.7	94.1	94.5	94.5	94.6	94.6	94.7	94.7
GE 400	76.3	82.2	86.0	88.8	91.5	92.3	93.6	94.5	94.7	95.3	95.8	95.8	96.1	96.1	96.2	96.2
GE 300	76.3	82.2	86.0	88.9	91.8	92.6	94.1	95.2	95.5	96.4	97.1	97.1	97.4	97.4	97.5	97.6
GE 200	76.3	82.2	86.0	88.9	91.9	92.7	94.3	95.6	95.9	96.9	97.8	97.8	98.3	98.3	98.4	98.5
GE 100	76.3	82.2	86.0	88.9	91.9	92.8	94.4	95.8	96.1	97.3	98.2	98.3	98.9	99.0	99.4	99.7
GE 000	76.3	82.2	86.0	88.9	91.9	92.8	94.4	95.8	96.1	97.3	98.3	98.3	98.9	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.2	46.6	49.2	50.8	51.7	52.0	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.6	52.6	52.6
GE 20000	48.4	53.8	56.9	58.8	59.9	60.2	60.5	60.7	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	48.5	53.9	57.0	58.9	60.0	60.3	60.6	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	48.5	53.9	57.0	58.9	60.0	60.3	60.6	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.1
GE 14000	48.7	54.2	57.3	59.2	60.4	60.6	60.9	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.4	61.4
GE 12000	49.5	55.0	58.2	60.2	61.4	61.6	61.9	62.1	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4
GE 10000	52.7	58.7	62.1	64.3	65.5	65.9	66.2	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.7	66.7
GE 9000	53.6	59.8	63.2	65.4	66.7	67.0	67.3	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8
GE 8000	56.7	63.3	67.1	69.5	70.9	71.3	71.6	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.2	72.2
GE 7000	57.8	64.5	68.4	70.8	72.3	72.6	73.0	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.6
GE 6000	58.2	65.0	69.0	71.4	72.9	73.2	73.6	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.2
GE 5000	59.5	66.5	70.6	73.1	74.6	75.0	75.4	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.0
GE 4500	60.3	67.4	71.6	74.2	75.7	76.0	76.4	76.7	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0
GE 4000	62.8	70.4	74.8	77.6	79.3	79.7	80.2	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.8
GE 3500	64.2	72.1	76.6	79.6	81.3	81.7	82.2	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.9
GE 3000	65.8	74.1	78.9	81.9	83.8	84.3	84.8	85.1	85.2	85.3	85.4	85.4	85.4	85.5	85.5	85.5
GE 2500	66.5	74.9	79.8	83.0	85.0	85.4	86.0	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.7
GE 2000	67.2	75.9	80.9	84.2	86.3	86.8	87.4	87.7	87.8	87.9	88.0	88.0	88.1	88.1	88.1	88.1
GE 1800	67.4	76.1	81.2	84.5	86.6	87.1	87.7	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.5
GE 1500	67.9	76.7	81.9	85.4	87.6	88.1	88.7	89.1	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5
GE 1200	68.4	77.5	82.8	86.4	88.8	89.3	90.0	90.4	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8
GE 1000	68.8	78.0	83.4	87.2	89.7	90.3	91.0	91.4	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.0
GE 900	68.9	78.2	83.8	87.6	90.2	90.8	91.6	92.0	92.1	92.3	92.4	92.4	92.5	92.5	92.5	92.5
GE 800	69.1	78.5	84.2	88.2	90.9	91.6	92.4	92.9	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4
GE 700	69.2	78.7	84.5	88.7	91.5	92.2	93.1	93.6	93.7	93.9	94.1	94.1	94.2	94.2	94.2	94.2
GE 600	69.3	78.8	84.7	88.9	91.9	92.6	93.5	94.1	94.2	94.4	94.6	94.6	94.7	94.7	94.7	94.8
GE 500	69.3	79.0	85.0	89.4	92.6	93.5	94.6	95.3	95.4	95.7	96.0	96.0	96.1	96.1	96.1	96.1
GE 400	69.4	79.2	85.2	89.7	93.1	94.0	95.3	96.1	96.2	96.6	96.9	96.9	97.1	97.1	97.1	97.2
GE 300	69.4	79.2	85.3	89.9	93.4	94.4	95.7	96.7	96.9	97.5	97.8	97.8	98.0	98.0	98.1	98.1
GE 200	69.4	79.2	85.3	89.9	93.5	94.6	96.0	97.1	97.3	97.9	98.4	98.4	98.7	98.7	98.8	98.9
GE 100	69.4	79.2	85.3	89.9	93.5	94.6	96.0	97.1	97.4	98.1	98.6	98.6	99.0	99.1	99.4	99.7
GE 000	69.4	79.2	85.3	89.9	93.5	94.6	96.0	97.1	97.4	98.1	98.6	98.6	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 87631

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	28.1	16.6	13.9	38.3	3.2	55.4	2.5	930
03-05	24.5	20.1	12.6	39.5	3.3	55.4	3.3	930
06-08	13.1	29.1	20.6	33.4	3.7	57.7	2.6	930
09-11	6.5	29.5	25.6	36.1	2.4	64.1	4.3	930
12-14	5.9	31.6	24.5	35.5	2.5	62.5	3.4	930
15-17	7.2	30.4	25.9	33.5	2.9	62.4	1.8	930
18-20	17.3	27.5	15.6	37.2	2.4	55.2	2.2	928
21-23	24.8	20.1	15.9	36.3	2.8	55.1	1.9	930
ALL HOURS	15.9	25.6	19.3	36.2	2.9	58.5	2.8	7438

MONTH: FEB HOURS: ALL

00-02	30.1	16.5	11.6	38.8	3.0	53.3	3.9	846
03-05	27.9	17.5	12.3	38.4	3.9	54.6	3.5	846
06-08	11.8	30.3	17.1	37.5	3.3	57.9	4.0	846
09-11	7.7	28.5	23.8	36.8	3.3	63.8	3.3	846
12-14	6.9	22.8	28.0	40.2	2.1	70.3	1.8	846
15-17	7.8	24.2	24.1	41.7	2.1	68.0	1.4	846
18-20	14.2	25.9	15.7	42.3	1.9	59.9	2.6	846
21-23	26.6	20.9	11.9	37.5	3.1	52.5	3.2	846
ALL HOURS	16.6	23.3	18.1	39.1	2.8	60.0	3.0	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	33.7	16.2	10.5	39.1	.4	50.1	3.1	930
03-05	31.6	18.7	10.8	37.3	1.6	49.7	4.4	930
06-08	12.0	31.9	18.2	35.1	2.8	56.0	4.0	930
09-11	12.7	28.3	21.1	36.4	1.5	59.0	3.2	929
12-14	8.8	30.0	25.8	34.7	.6	61.2	1.6	930
15-17	7.5	33.5	23.4	35.2	.3	58.9	2.0	930
18-20	17.4	25.8	20.2	35.8	.8	56.8	1.9	930
21-23	30.4	19.1	13.2	36.2	1.0	50.4	1.3	930
ALL HOURS	19.3	25.5	17.9	36.2	1.1	55.3	2.7	7439

MONTH: APR HOURS: ALL

00-02	30.1	19.7	12.0	35.0	3.2	50.2	2.3	900
03-05	24.6	23.1	14.4	34.8	3.1	52.3	3.2	900
06-08	14.1	25.1	22.2	35.1	3.4	60.8	5.0	900
09-11	10.1	30.4	21.4	37.8	.2	59.4	4.0	900
12-14	5.2	32.1	26.8	35.6	.2	62.6	1.7	899
15-17	7.0	30.8	28.6	33.1	.6	62.2	1.3	900
18-20	10.8	29.4	24.3	34.6	.9	59.8	1.7	900
21-23	23.4	24.8	15.0	35.2	1.6	51.8	1.9	900
ALL HOURS	15.7	26.9	20.6	35.1	1.7	57.4	2.6	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	26.0	22.4	15.9	34.9	.8	51.6	2.0	930
03-05	18.0	28.3	18.4	33.6	1.7	53.7	3.3	929
06-08	11.7	28.7	26.6	30.8	2.3	59.6	3.3	930
09-11	8.5	32.8	28.6	29.5	.6	58.7	3.4	930
12-14	3.7	35.8	33.0	27.5		60.5	2.5	930
15-17	3.0	39.0	30.6	27.3		58.0	2.0	930
18-20	7.0	33.4	28.4	30.8	.4	59.6	2.0	929
21-23	18.8	27.2	21.0	32.2	.9	54.0	1.9	930
ALL HOURS	12.1	30.9	25.3	30.8	.8	57.0	2.6	7438

MONTH: JUN HOURS: ALL

00-02	26.8	28.8	19.8	23.8	.9	44.4	3.2	900
03-05	15.6	37.9	22.9	22.1	1.6	46.6	4.2	900
06-08	12.3	36.8	26.5	23.1	1.2	50.8	5.9	899
09-11	8.9	40.4	30.0	20.4	.2	50.7	3.7	900
12-14	2.7	39.1	36.4	21.7	.1	58.2	3.4	900
15-17	3.9	39.6	33.8	22.7	.1	56.6	4.4	900
18-20	7.6	35.2	30.3	26.9	.1	57.3	4.1	899
21-23	17.1	37.2	22.0	23.1	.7	45.7	2.5	897
ALL HOURS	11.8	36.9	27.7	23.0	.6	51.3	3.9	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	19.8	31.1	19.8	29.0	.3	49.1	10.6	930
03-05	12.2	38.4	25.5	23.3	.6	49.5	15.6	930
06-08	8.6	37.5	29.4	24.1	.4	53.9	17.3	929
09-11	6.9	39.5	30.8	22.9		53.7	6.6	930
12-14	1.1	40.3	38.3	20.3		58.6	9.2	930
15-17	2.3	39.8	37.7	20.1	.1	58.0	10.2	930
18-20	5.1	38.9	32.8	23.2		56.0	8.9	930
21-23	15.5	34.8	24.3	25.1	.3	49.7	8.7	930
ALL HOURS	8.9	37.5	29.8	23.5	.2	53.6	10.9	7439

MONTH: AUG HOURS: ALL

00-02	24.6	28.0	19.1	28.0	.3	47.4	5.5	930
03-05	20.6	33.1	18.3	26.8	1.2	46.2	9.2	930
06-08	10.8	38.8	27.1	22.4	1.0	50.4	14.6	930
09-11	7.1	41.1	30.0	21.8		51.8	7.4	930
12-14	1.9	44.6	31.2	22.3		53.4	8.0	930
15-17	2.4	45.2	33.7	18.7	.1	52.5	7.6	930
18-20	4.9	44.4	28.6	22.0		50.6	5.8	930
21-23	20.3	33.7	20.3	25.7		46.0	3.9	930
ALL HOURS	11.6	38.6	26.0	23.5	.3	49.8	7.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	30.4	26.2	17.0	26.0	.3	43.3	3.3	900
03-05	29.2	30.6	14.8	24.4	1.0	40.2	7.9	900
06-08	9.6	38.6	27.0	24.0	.9	51.9	11.9	900
09-11	9.7	39.4	28.0	22.9		50.9	6.3	900
12-14	5.6	43.8	30.0	20.7		50.7	5.1	900
15-17	8.4	39.9	31.6	20.1		51.7	5.4	900
18-20	12.4	39.2	26.0	22.3		48.3	5.7	900
21-23	26.0	29.7	19.4	24.9		44.3	4.4	900
ALL HOURS	16.4	35.9	24.2	23.2	.3	47.7	6.3	7200

MONTH: OCT HOURS: ALL

00-02	36.3	21.6	13.2	24.8	4.0	42.0	3.2	930
03-05	33.1	24.6	14.9	24.2	3.1	42.3	6.0	930
06-08	11.3	38.5	27.1	20.3	2.8	50.2	7.3	930
09-11	11.5	36.3	29.9	20.7	1.6	52.2	3.7	929
12-14	8.7	38.9	29.2	22.9	.2	52.4	2.7	930
15-17	9.1	40.6	27.1	22.8	.3	50.2	1.9	930
18-20	18.6	38.2	18.8	23.2	1.2	43.2	2.6	930
21-23	30.4	26.9	18.3	22.9	1.5	42.7	2.8	930
ALL HOURS	19.9	33.2	22.3	22.7	1.8	46.9	3.8	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	32.2	21.7	15.9	28.0	2.2	46.1	2.8	900
03-05	31.2	24.9	13.2	28.2	2.4	43.9	3.2	900
06-08	11.3	36.6	23.0	26.7	2.4	52.1	3.1	900
09-11	9.0	32.8	27.1	29.7	1.4	58.2	1.9	900
12-14	6.9	31.1	31.6	30.2	.2	62.0	1.0	900
15-17	6.6	34.6	30.6	28.3		58.9	1.4	900
18-20	18.4	27.7	22.3	31.3	.3	53.9	1.3	898
21-23	28.0	20.6	18.4	31.8	1.2	51.4	1.8	897
ALL HOURS	17.9	28.7	22.8	29.3	1.3	53.3	2.1	7195

MONTH: DEC HOURS: ALL

00-02	28.8	19.4	13.3	35.5	3.0	51.8	2.0	930
03-05	25.5	21.5	15.1	35.6	2.4	53.0	2.7	930
06-08	12.2	30.1	22.5	32.7	2.6	57.7	2.7	930
09-11	7.0	29.4	28.0	33.2	2.5	63.7	4.1	930
12-14	5.6	30.5	27.5	34.7	1.6	63.9	4.0	930
15-17	5.5	33.3	27.3	31.1	2.8	61.2	4.9	930
18-20	17.2	26.8	17.7	36.5	1.8	56.0	3.3	930
21-23	25.5	20.3	15.3	36.0	2.9	54.2	2.5	930
ALL HOURS	15.9	26.4	20.8	34.4	2.4	57.7	3.3	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	28.9	22.4	15.2	31.8	1.8	48.7	3.7	10956
03-05	24.5	26.6	16.1	30.7	2.2	48.9	5.6	10955
06-08	11.6	33.5	24.0	28.7	2.2	54.9	6.8	10954
09-11	8.8	34.1	27.0	29.0	1.1	57.2	4.3	10954
12-14	5.2	35.1	30.2	28.8	.6	59.6	3.7	10955
15-17	5.9	36.0	29.6	27.8	.8	58.1	3.8	10956
18-20	12.6	32.7	23.4	30.4	.8	54.7	3.5	10950
21-23	23.9	26.3	18.0	30.5	1.3	49.8	3.1	10950
ALL HOURS	15.2	30.8	22.9	29.7	1.4	54.0	4.3	87630

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	EEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTT	EEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	EEEE
PP	AAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEE

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 100						.1	.9	.1					.1
GE 95					.4	2.6	5.4	2.4	.6				1.0
GE 90				.1	2.5	13.8	23.9	15.5	6.0	.1			5.2
GE 85			.1	2.1	9.5	33.8	51.9	41.9	16.3	1.4			13.3
GE 80			1.2	6.0	20.9	57.6	80.7	71.3	36.0	5.9	.4		23.7
GE 75		.2	3.6	13.2	39.5	76.4	96.2	93.3	59.6	16.6	2.2		33.8
GE 70	.3	1.5	7.5	22.9	58.6	92.1	99.7	98.8	83.1	34.8	7.9	1.2	42.8
GE 65	2.2	4.8	13.7	37.9	76.6	98.6	100.0	100.0	94.8	57.7	18.7	4.0	51.1
GE 60	5.5	8.7	22.9	57.0	92.1	99.9			99.1	77.8	35.1	10.3	59.4
GE 55	11.7	17.0	36.3	76.5	98.6	100.0			99.8	91.8	53.9	18.8	67.3
GE 50	19.1	27.0	53.3	90.8	99.9				100.0	97.9	70.8	30.5	74.3
GE 45	32.3	40.9	73.0	98.4	100.0					99.6	86.7	48.4	81.8
GE 40	51.5	60.6	88.2	99.7						100.0	96.2	68.1	88.8
GE 35	70.3	80.1	96.1	100.0							99.3	83.0	94.1
GE 33	77.3	84.8	97.5								99.7	87.6	95.6
GE 30	85.5	91.2	98.8								99.9	93.1	97.4
GE 25	94.2	97.1	99.9								100.0	98.5	99.1
GE 20	98.4	99.1	99.9									99.6	99.8
GE 15	99.6	99.8	100.0									99.9	99.9
GE 10	100.0	100.0										100.0	100.0
MEAN	40.5	43.3	51.7	62.2	71.9	80.7	84.8	83.1	76.7	66.2	55.5	44.8	63.6
SD	10.75	11.01	11.11	9.99	8.95	7.68	6.05	5.92	7.66	8.37	9.61	10.57	18.00
TOTAL OBS	1395	1270	1395	1350	1395	1350	1415	1436	1370	1395	1350	1425	16546

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80						.1	.4	.1					.1
GE 75					.1	1.9	10.0	6.1	1.0	.1			1.6
GE 70					1.4	15.8	43.7	36.5	10.6	.5			9.2
GE 65				.5	7.2	44.1	74.6	68.9	29.8	3.7	.1		19.4
GE 60		.1	.6	3.6	24.1	70.8	95.0	88.2	51.8	10.9	1.5		29.3
GE 55	.1	.2	1.4	9.0	47.5	90.4	99.4	97.4	74.6	24.1	5.4	.6	37.9
GE 50	.5	.8	3.9	22.2	72.0	98.7	100.0	99.9	90.7	44.0	12.7	1.9	46.0
GE 45	1.5	2.9	10.6	45.9	91.0	99.9		100.0	97.9	67.1	25.3	5.4	54.3
GE 40	5.5	8.2	27.1	70.6	98.6	100.0			99.9	85.3	43.7	13.2	63.0
GE 35	15.4	20.9	51.5	89.2	99.9				100.0	96.3	66.5	29.0	72.7
GE 33	22.8	29.4	61.5	94.3	100.0					98.0	75.0	37.3	76.7
GE 30	36.1	43.1	76.7	98.0						99.4	87.0	51.8	82.9
GE 25	58.9	67.0	91.8	99.8						99.9	97.0	73.1	90.7
GE 20	76.8	83.4	97.6	100.0						100.0	99.8	86.8	95.4
GE 15	89.6	93.7	99.2								99.9	95.4	98.2
GE 10	95.8	98.1	99.9								100.0	99.2	99.4
GE 5	98.9	99.5	100.0									99.7	99.8
GE 0	99.9	100.0										99.9	100.0
GE -5	100.0											100.0	100.0
MEAN	26.0	27.9	35.0	44.0	54.0	63.0	68.1	66.7	59.8	48.5	38.9	29.8	47.0
SD	8.91	8.65	7.94	7.63	7.17	6.26	5.06	5.70	7.55	8.41	8.65	9.06	16.70
TOTAL OBS	1395	1270	1395	1350	1395	1350	1415	1436	1370	1395	1350	1425	16546

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90						.1	.2						.0
GE 85					.1	1.6	5.2	2.5	.2				.8
GE 80					1.5	13.2	30.6	22.0	6.8	.2			6.3
GE 75				.7	6.9	37.6	65.3	56.3	21.0	2.0			16.1
GE 70			.6	3.9	20.8	63.7	92.6	84.6	44.5	6.5	.6		26.9
GE 65		.2	2.0	9.6	41.4	85.7	99.8	97.4	70.1	18.9	2.9	.1	36.1
GE 60	.1	.7	4.7	21.5	66.5	98.1	100.0	99.8	89.6	41.4	8.1	1.4	44.7
GE 55	1.4	3.1	12.3	40.1	87.5	99.8		100.0	98.1	64.4	21.9	3.9	53.1
GE 50	4.6	7.4	24.3	67.0	97.8	100.0			99.8	84.2	40.1	10.9	61.7
GE 45	11.9	18.0	41.6	86.1	100.0				100.0	95.8	59.8	22.4	69.9
GE 40	24.8	32.8	68.1	97.0						99.2	82.1	39.9	78.9
GE 35	45.2	55.0	86.5	99.8						100.0	95.1	62.1	87.1
GE 33	54.6	63.2	91.4	99.9							97.0	70.8	89.9
GE 30	66.4	75.6	95.4	100.0							99.0	81.0	93.2
GE 25	83.3	89.4	98.7								99.9	91.3	96.9
GE 20	93.0	96.5	99.7								100.0	97.6	98.9
GE 15	97.9	99.0	100.0									99.4	99.7
GE 10	99.7	99.8										99.9	100.0
GE 5	99.9	100.0										100.0	100.0
GE 0	100.0												100.0
MEAN	33.4	35.8	43.6	53.3	63.2	72.1	76.7	75.2	68.5	57.6	47.4	37.5	55.5
SD	9.34	9.29	8.93	8.15	7.41	6.41	4.99	5.29	7.02	7.77	8.62	9.37	17.07
TOTAL OBS	1395	1270	1395	1350	1395	1350	1415	1436	1370	1395	1350	1425	16546

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42												60	60*
43	64	69	80	78	93	97	94	96	97	78	73	62	97
44	67	65	67	79	88	95	95	95	93	84	70	57	95
45	60	64	87	87	86	97	97	94	91	81	78	56	97
46	66	72	80	81	86	92	94	91	91*				94*
49							100*	95					100*
50								92*	89	79	83	70	92*
51	67	76	70	84	87	90	93	93	89	87	72	72	93
52	67	58	73	85	83	99	97	89	92	82	70	62	99
53	68	67	66	84	84	90	97	100	95	79	75	67	100
54	67	73	71	83	84	95	99	95	91	89	66	66	99
55	59	61	77	78	91	90	98	98	86	84	76	65	98
56	60	62	68	83	93	93	95	92	90	77	72	72	95
57	65	65	74	87	89	95	101	95	94	74	74	64	101
58	60	59	54	83	85	92	93	90	90	85	71	60	93
59	68	62	71	85	91	98	92	93	90	91	78	61	98
60	59	67	78	89	83	91	91	92	88	81	71	63	92
61	53	72	75	87	83	91	92	90	92	79	80	60	92
62	63	64	76	86	93	92	93	96	93	86	62	62	96
63	58	59	80	84	90	94	95	92	87	81	69	53	95
64	65	56	77	82	89	97	96	92	93	76	73	72	97
65	63	67	64	79	97	100	95	93	91	81	74	64	100
66	66	59	74	77	85	97	101	92	92	77	72	74	101
67	72	66	75	82	85	91	90	91	82	84	67	63	91
68	57	56	77	75	83	92	94	96	90	87	75	65	96
69	58	47	68	86	91	95	93	88	87	81	67	61	95
70	63	60	73	77	87	92	90	91	96	84	66	66	96
71	60	67	74	77	80	92	95	91	85	77	78	68	95
72	65	70	77	83	84	89	95	94	91	76	72	69	95
73	65	61	70	86	86	95	92	96	94	84	77	69	96
74	72	67	74	88	90	92	94	90	88	80	82	61	94
75	70	74	73	79	84	91	91	95	85	85	75	65	95

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	69	74	79	88	85	92	89	89	87	76	67	59	92
77	50	72	80	85	95	91	101	99	93	81	72	60	101
78	63	46	72	81	90	93	98	91	89	82	70	72	98
79	61	52	80	78	88	87	92	94	86	83	72	67	94
80	58	59	63	73	88	89	99	97	95	76	69	69	99
81	50	66	72	82	85	91	95	90	85	79	69	62	95
82	65	60	66	78	86	86	93	88	87	83	80	72	93
83	58	58	69	80	85	90	96	97	95	83	68	60	97
84	57	66	64	75	87	92	93	89	92	82	68	72	93
85	64	75	77	90	85	90	94	93	92	86	74	64	94
86	65	60	80	75	92	93	98	92	90	87	78	63	98
87	55	48	71	76	92	96	100	96	86	75	74	64	100
88	65	70	75	73	92	100	103	101	90	81	69	65	103
89	60	70	82	78	89	96	95	92	93	83	71	56	96
90	66	72	84	90	82	95	97	94	92	86	77	68	97
91	60	71	77	85	95	97	100	94	92	80	73	71	100
.....													
GREATEST	72	76	87	90	97	100	103	101	97	91	83	74	103
.....													
TOTAL OBS	1395	1270	1395	1350	1395	1350	1415	1436	1370	1395	1350	1425	16546

THE GREATEST VALUE OF 103 OCCURRED ON 07/17/88

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42												-4	-4*
43	16	5	10	21	33	56	52	51	40	39	26	14	5
44	15	18	19	28	45	48	57	52	47	32	28	14	14
45	7	16	29	31	41	43	53	53	50	34	23	9	7
46	4	16	27	31	39	48	54	51	47*				4*
49							64*	55					55*
50								58*	42	35	20	12	12*
51	18	10	25	32	45	52	58	51	42	42	21	11	10
52	12	22	26	33	42	54	53	51	46	24	24	17	12
53	23	17	23	33	47	50	57	56	44	36	28	14	14
54	11	13	22	28	41	49	58	57	47	35	26	16	11
55	9	4	21	34	43	50	62	59	49	35	14	12	4
56	17	20	20	30	36	50	58	56	39	35	20	21	17
57	2	23	26	32	36	52	57	54	42	33	27	14	2
58	11	4	27	32	45	50	62	56	43	39	19	10	4
59	12	13	23	34	43	50	59	57	41	34	22	15	12
60	20	19	9	29	38	53	59	61	52	34	25	9	9
61	4	1	22	33	38	53	57	52	45	35	26	14	1
62	9	0	14	30	39	56	53	58	40	32	28	8	0
63	7	10	27	34	38	53	57	53	39	39	29	11	7
64	5	19	24	28	42	48	61	50	47	32	22	16	5
65	4	11	19	28	47	55	61	50	48	28	21	15	4
66	3	10	23	32	34	45	55	59	45	29	28	15	3
67	16	8	14	29	42	43	55	60	44	32	21	12	8
68	5	9	19	29	39	52	59	53	47	32	29	12	5
69	14	19	22	29	42	53	60	55	45	27	21	18	14
70	3	10	23	29	35	52	61	60	44	37	20	18	3
71	9	5	24	30	41	54	55	55	48	44	26	20	5
72	6	14	22	27	43	45	56	53	52	32	25	21	6
73	15	8	24	33	42	59	58	56	51	38	27	15	8
74	18	15	24	32	40	52	58	54	41	31	20	24	15
75	18	17	20	30	46	54	57	60	47	28	30	18	17

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	8	12	23	29	41	52	58	53	46	29	19	15	8
77	4	14	30	29	43	49	59	55	51	37	29	16	4
78	12	11	14	35	41	54	58	65	45	38	27	19	11
79	13	1	23	32	46	53	56	55	47	33	26	23	1
80	18	13	12	32	41	51	57	60	46	35	27	10	10
81	5	13	23	33	38	56	56	50	46	32	26	17	5
82	-3	17	24	22	45	55	57	48	51	35	27	16	-3
83	17	15	28	35	40	54	58	55	42	36	32	3	3
84	3	21	18	34	41	49	58	52	46	44	21	25	3
85	-5	17	23	29	42	52	61	58	47	36	35	14	-5
86	11	16	13	36	38	49	60	48	44	39	25	22	11
87	3	13	22	33	44	52	61	56	50	33	24	17	3
88	8	14	23	36	46	50	54	59	51	35	30	11	8
89	16	14	19	33	44	59	60	55	44	38	23	7	7
90	29	16	23	32	46	48	63	63	44	32	27	19	16
91	11	17	24	31	42	52	61	63	42	34	23	17	11
.....													
LEAST	-5	0	9	21	33	43	52	48	39	24	14	-4	-5
.....													
TOTAL OBS	1395	1270	1395	1350	1395	1350	1415	1436	1370	1395	1350	1425	16546

THE LEAST VALUE OF -5 OCCURRED ON 01/21/85

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42												33	33*
43	33	36	43	48	64	77	75	75	67	55	45	35	55
44	35	35	40	51	67	73	78	75	69	55	46	34	55
45	28	36	52	56	61	72	75	73	71	56	46	31	55
46	35	37	50	51	62	69	74	71	68*				57*
49							81*	76					78*
50							73*	65	59	47	34		53*
51	37	38	43	52	63	71	77	75	68	60	43	40	56
52	39	39	42	55	62	74	79	75	68	54	47	38	56
53	40	40	45	53	65	71	77	75	69	59	47	41	57
54	34	42	43	56	61	72	76	73	70	61	45	36	56
55	32	36	45	55	64	69	81	78	68	59	45	32	55
56	33	39	42	50	60	72	74	74	66	59	47	44	55
57	31	39	43	56	64	75	77	73	71	55	49	40	56
58	32	29	40	54	62	69	78	74	67	58	49	30	54
59	34	36	43	55	66	73	76	77	71	61	46	41	57
60	37	37	33	58	62	72	75	76	69	57	48	30	55
61	28	37	44	50	60	71	77	75	73	58	49	36	55
62	34	33	42	54	65	72	73	74	66	58	44	32	54
63	31	30	47	55	61	72	77	73	64	58	49	30	54
64	35	35	45	50	63	72	76	73	68	55	50	41	55
65	32	36	40	50	68	76	78	74	70	56	47	40	56
66	31	34	44	49	60	72	77	75	67	55	47	37	54
67	39	31	40	53	57	71	74	73	64	55	41	38	53
68	29	31	45	53	60	70	75	77	69	59	48	36	54
69	33	35	41	57	64	72	75	74	68	56	45	35	55
70	27	35	40	51	63	71	75	76	72	60	48	37	55
71	29	36	40	51	60	73	76	75	70	62	46	43	55
72	37	35	42	51	63	70	76	74	70	54	47	44	55
73	36	33	46	55	62	76	76	77	72	61	49	41	57
74	40	35	45	57	62	69	77	75	67	55	47	40	56
75	39	38	43	50	65	72	76	77	67	62	51	38	56

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: +05

PERIOD OF RECORD: 4212-4609,4907-4908,5008-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	31	44	49	56	63	74	75	73	67	53	42	34	55
77	25	37	51	57	66	72	80	79	71	57	50	39	57
78	31	27	41	54	64	74	76	79	69	58	51	40	56
79	34	27	47	54	66	70	76	75	68	56	51	42	56
80	35	32	42	55	65	69	78	78	70	55	45	36	55
81	28	38	41	55	60	72	76	71	66	54	46	36	54
82	26	35	42	50	65	69	75	72	67	58	50	44	55
83	37	37	46	53	62	72	78	76	69	59	49	35	56
84	30	41	40	53	62	73	75	76	66	63	46	46	56
85	29	37	47	57	65	70	77	75	70	61	55	36	57
86	34	34	45	52	66	74	79	74	70	60	48	41	57
87	32	32	45	55	65	74	80	77	72	53	50	41	56
88	31	38	46	52	64	73	81	80	68	54	48	36	56
89	39	35	42	53	63	76	76	75	69	60	46	26	55
90	44	45	47	54	61	73	80	78	68	62	50	43	59
91	36	40	46	55	69	73	78	77	67	58	48	41	57
MEAN	33.4	35.8	43.6	53.3	63.2	72.1	76.7	75.2	68.5	57.6	47.4	37.5	55.5
TOTAL OBS	1395	1270	1395	1350	1395	1350	1415	1436	1370	1395	1350	1425	16546

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

R - 4 - 1B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	31.5	10.394	930	0	477	0	0	0	930
03-05	30.5	10.239	930	0	501	0	0	0	930
06-08	30.0	10.273	930	6	511	0	0	0	930
09-11	34.0	10.372	930	4	363	0	0	0	930
12-14	37.8	10.599	930	2	263	1	0	0	930
15-17	37.6	10.281	930	0	260	6	0	0	930
18-20	34.2	9.694	928	3	391	0	0	0	928
21-23	32.7	10.050	930	1	438	0	0	0	930
ALL HOURS	33.5	10.600	7438	16	3204	7	0	0	7438

MONTH: FEB

00-02	35.1	9.322	846	0	376	4	0	0	846
03-05	33.9	9.499	846	0	411	1	0	0	846
06-08	33.4	9.452	846	0	424	2	0	0	846
09-11	37.8	9.966	846	0	263	12	0	0	846
12-14	41.6	10.607	846	0	167	39	0	0	846
15-17	41.7	10.104	846	0	149	32	0	0	846
18-20	38.1	8.853	846	0	224	4	0	0	846
21-23	36.1	8.773	846	0	313	5	0	0	846
ALL HOURS	37.2	10.065	6768	0	2327	99	0	0	6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	40.8	9.773	930	0	186	17	0	0	930
03-05	39.5	9.822	930	0	242	13	0	0	930
06-08	40.0	9.864	930	0	211	14	0	0	930
09-11	45.9	10.707	929	0	70	66	1	0	929
12-14	49.9	11.315	930	0	38	101	13	0	930
15-17	50.2	10.825	930	0	29	97	10	0	930
18-20	46.0	9.544	930	0	54	43	0	0	930
21-23	42.9	9.326	930	0	95	24	0	0	930
ALL HOURS	44.4	10.894	7439	0	925	375	24	0	7439

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	48.8	7.956	900	0	11	40	0	0	900
03-05	47.4	7.927	900	0	17	21	0	0	900
06-08	49.3	8.201	900	0	12	38	0	0	900
09-11	55.5	9.062	900	0	3	139	11	0	900
12-14	58.9	9.865	899	0	0	232	27	0	899
15-17	59.0	9.889	900	0	0	231	31	0	900
18-20	54.7	8.861	900	0	3	130	6	0	900
21-23	51.1	8.054	900	0	4	61	0	0	900
ALL HOURS	53.1	9.765	7199	0	50	892	75	0	7199

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	59.1	7.411	930	0	0	218	0	0	930
03-05	57.8	7.525	930	0	0	180	0	0	930
06-08	60.7	7.635	930	0	0	271	7	0	930
09-11	67.1	8.710	930	0	0	531	99	0	930
12-14	70.4	9.562	930	0	0	650	184	5	930
15-17	70.3	9.563	930	0	0	645	184	5	930
18-20	65.7	8.708	929	0	0	452	81	0	929
21-23	61.4	7.897	930	0	0	313	8	0	930
ALL HOURS	64.1	9.591	7439	0	0	3260	563	10	7439

MONTH: JUN

00-02	67.2	6.334	900	0	0	600	15	0	900
03-05	65.7	6.544	900	0	0	533	3	0	900
06-08	69.1	6.343	899	0	0	685	39	0	899
09-11	75.6	7.019	900	0	0	840	270	5	900
12-14	78.8	7.565	900	0	0	875	415	31	900
15-17	78.7	7.731	900	0	0	864	417	28	900
18-20	74.4	7.037	900	0	0	812	217	2	900
21-23	69.5	6.313	897	0	0	689	50	0	897
ALL HOURS	72.4	8.444	7196	0	0	5898	1426	66	7196

E - 5 - 1 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	72.4	5.030	930	0	0	850	62	0	930
03-05	71.1	5.329	930	0	0	803	32	0	930
06-08	74.2	5.174	930	0	0	894	148	0	930
09-11	80.5	5.874	930	0	0	930	542	17	930
12-14	83.7	6.591	930	0	0	930	678	81	930
15-17	83.5	6.565	930	0	0	930	671	80	930
18-20	79.0	5.868	930	0	0	927	437	10	930
21-23	74.4	4.903	930	0	0	900	144	0	930
ALL HOURS	77.4	7.326	7440	0	0	7164	2714	188	7440

MONTH: AUG

00-02	71.2	5.449	930	0	0	813	48	0	930
03-05	70.0	5.769	930	0	0	772	24	0	930
06-08	72.1	5.734	930	0	0	834	79	0	930
09-11	78.6	5.637	930	0	0	916	413	2	930
12-14	81.7	5.987	930	0	0	924	605	22	930
15-17	81.4	6.053	930	0	0	927	564	27	930
18-20	76.7	5.839	930	0	0	914	298	1	930
21-23	72.6	5.291	930	0	0	869	83	0	930
ALL HOURS	75.5	7.226	7440	0	0	6969	2114	52	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	64.0	7.574	900	0	0	434	1	0	900
03-05	62.7	8.056	900	0	0	394	0	0	900
06-08	64.3	7.866	900	0	0	468	8	0	900
09-11	71.4	7.350	900	0	0	732	128	0	900
12-14	74.8	7.610	900	0	0	818	252	4	900
15-17	74.3	7.429	900	0	0	819	220	4	900
18-20	68.8	7.323	900	0	0	641	72	0	900
21-23	65.6	7.287	900	0	0	497	15	0	900
ALL HOURS	68.2	8.749	7200	0	0	4803	696	8	7200

MONTH: OCT

00-02	54.5	8.806	930	0	0	135	2	0	930
03-05	53.2	9.126	930	0	1	114	0	0	930
06-08	54.0	8.981	930	0	0	130	0	0	930
09-11	61.2	8.325	930	0	0	319	11	0	930
12-14	65.3	8.493	930	0	0	487	50	0	930
15-17	64.2	8.055	930	0	0	434	35	0	930
18-20	58.7	7.857	930	0	0	221	3	0	930
21-23	55.8	8.244	930	0	0	155	2	0	930
ALL HOURS	58.4	9.611	7440	0	1	1995	103	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	46.0	9.892	900	0	81	28	0	0	900
03-05	43.3	9.960	900	0	97	17	0	0	900
06-08	44.7	10.024	900	0	100	14	0	0	900
09-11	50.5	9.306	900	0	21	70	0	0	900
12-14	54.4	9.562	900	0	8	150	1	0	900
15-17	53.0	9.313	900	0	9	124	0	0	900
18-20	48.7	8.983	898	0	27	48	0	0	898
21-23	46.9	9.359	897	0	56	22	0	0	897
ALL HOURS	48.6	10.127	7195	0	399	473	1	0	7195

MONTH: DEC

00-02	36.3	11.024	930	0	326	3	0	0	930
03-05	35.4	11.282	930	0	356	3	0	0	930
06-08	35.2	11.349	930	0	374	3	0	0	930
09-11	39.1	10.949	930	0	217	12	0	0	930
12-14	42.6	11.103	930	0	164	27	0	0	930
15-17	41.8	10.769	930	0	171	28	0	0	930
18-20	38.7	10.592	930	0	246	9	0	0	930
21-23	37.2	10.788	930	0	302	8	0	0	930
ALL HOURS	38.3	11.317	7440	0	2156	93	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	52.3	16.325	10956	0	1457	3142	128	0	10956
03-05	51.1	16.323	10956	0	1625	2851	59	0	10956
06-08	52.3	17.389	10955	6	1632	3353	281	0	10955
09-11	58.2	18.235	10955	4	937	4567	1475	24	10955
12-14	61.8	18.272	10955	2	640	5234	2225	143	10955
15-17	61.4	18.172	10956	0	618	5137	2132	144	10956
18-20	57.1	17.429	10951	3	945	4201	1114	13	10951
21-23	53.9	16.451	10950	1	1208	3543	302	0	10950
ALL HOURS	56.0	17.783	87634	16	9062	32028	7716	324	87634

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	28.7	10.107	930	595	23	0	0	0	930
03-05	28.0	9.975	930	611	11	0	0	0	930
06-08	27.5	10.075	930	621	11	0	0	0	930
09-11	30.5	10.039	930	504	28	0	0	0	930
12-14	33.0	9.890	930	437	42	0	0	0	930
15-17	32.8	9.669	930	437	45	0	0	0	930
18-20	30.6	9.454	928	527	32	0	0	0	928
21-23	29.6	9.763	930	566	32	0	0	0	930
ALL HOURS	30.1	10.058	7438	4298	224	0	0	0	7438

MONTH: FEB

00-02	32.0	9.335	846	505	49	0	0	0	846
03-05	31.1	9.531	846	528	40	0	0	0	846
06-08	30.8	9.560	846	517	31	0	0	0	846
09-11	33.7	9.783	846	419	57	0	0	0	846
12-14	36.0	9.759	846	361	82	0	0	0	846
15-17	36.1	9.347	846	336	86	0	0	0	846
18-20	34.0	8.843	846	399	53	0	0	0	846
21-23	32.7	8.880	846	442	46	0	0	0	846
ALL HOURS	33.3	9.573	6768	3507	444	0	0	0	6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	37.2	9.610	930	312	111	0	0	0	930
03-05	36.3	9.736	930	328	93	0	0	0	930
06-08	36.7	9.830	930	320	94	0	0	0	930
09-11	40.4	10.002	929	203	165	6	0	0	929
12-14	42.4	9.654	930	135	203	14	0	0	930
15-17	42.5	9.230	930	119	205	9	0	0	930
18-20	40.2	8.993	930	182	146	1	0	0	930
21-23	38.5	9.170	930	246	123	0	0	0	930
ALL HOURS	39.3	9.795	7439	1845	1140	30	0	0	7439

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	44.6	8.094	900	56	252	0	0	0	900
03-05	43.7	8.181	900	69	208	0	0	0	900
06-08	45.2	8.209	900	47	278	2	0	0	900
09-11	48.8	8.194	900	16	391	17	1	0	900
12-14	50.4	8.277	899	6	454	40	1	0	899
15-17	50.2	7.940	897	6	438	28	0	0	897
18-20	48.0	7.921	900	20	358	9	0	0	900
21-23	46.1	8.009	900	29	292	2	0	0	900
ALL HOURS	47.1	8.468	7196	249	2671	98	2	0	7196

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	55.1	7.744	930	0	679	68	6	0	930
03-05	54.3	8.002	930	0	647	57	6	0	930
06-08	56.4	7.913	930	0	735	104	22	0	930
09-11	59.7	7.959	930	0	838	207	54	0	930
12-14	61.0	7.746	930	0	881	261	69	0	930
15-17	60.6	7.595	930	0	870	247	62	0	930
18-20	58.4	7.652	929	0	814	162	39	0	929
21-23	56.4	7.682	930	0	734	96	17	0	930
ALL HOURS	57.8	8.113	7439	0	6198	1202	275	0	7439

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	62.8	6.847	900	0	876	293	77	1	900
03-05	62.0	7.098	900	0	861	278	52	0	900
06-08	64.3	6.793	899	0	888	379	103	3	899
09-11	66.9	6.657	900	0	899	478	225	4	900
12-14	67.8	6.563	900	0	900	510	270	8	900
15-17	67.5	6.259	900	0	900	510	230	3	900
18-20	65.9	6.398	899	0	896	443	165	2	899
21-23	63.9	6.621	897	0	886	335	106	2	897
ALL HOURS	65.1	7.001	7195	0	7106	3226	1228	23	7195

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	68.5	5.289	930	0	928	643	212	0	930
03-05	67.9	5.647	930	0	927	621	200	1	930
06-08	69.7	5.425	930	0	930	683	320	8	930
09-11	71.9	5.332	930	0	930	763	479	47	930
12-14	72.6	5.268	930	0	930	788	527	67	930
15-17	72.3	5.072	930	0	930	797	492	52	930
18-20	70.9	5.013	930	0	930	755	398	15	930
21-23	69.4	4.908	930	0	930	696	268	4	930
ALL HOURS	70.4	5.509	7440	0	7435	5746	2896	194	7440

MONTH: AUG

00-02	67.7	6.059	930	0	921	586	217	5	930
03-05	67.0	6.248	930	0	918	540	177	5	930
06-08	68.3	5.975	930	0	923	605	248	4	930
09-11	70.8	5.623	930	0	928	729	402	26	930
12-14	71.6	5.602	930	0	930	770	455	35	930
15-17	71.5	5.451	930	0	930	772	453	31	930
18-20	69.9	5.612	930	0	929	684	356	8	930
21-23	68.3	5.767	930	0	922	608	239	1	930
ALL HOURS	69.4	6.061	7440	0	7401	5294	2547	115	7440

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OPERATING LOCATION "A"
USAFETAC, ASEEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	60.5	7.862	900	0	801	244	47	0	900
03-05	59.8	8.357	900	0	778	235	44	0	900
06-08	61.0	8.136	900	0	814	274	63	0	900
09-11	64.4	7.486	900	0	876	393	127	5	900
12-14	65.1	7.208	900	0	886	404	155	7	900
15-17	64.8	7.119	900	0	885	382	148	4	900
18-20	62.8	7.482	900	0	856	302	104	0	900
21-23	61.4	7.488	900	0	828	248	68	0	900
ALL HOURS	62.5	7.880	7200	0	6724	2482	756	16	7200

MONTH: OCT

00-02	51.2	9.439	930	7	512	49	0	0	930
03-05	50.4	9.678	930	7	483	46	0	0	930
06-08	51.0	9.590	930	12	499	48	0	0	930
09-11	55.2	8.816	930	0	648	118	9	0	930
12-14	56.6	8.596	930	0	711	149	22	0	930
15-17	55.9	8.539	930	0	688	136	12	0	930
18-20	53.4	8.772	930	0	582	79	3	0	930
21-23	51.9	9.052	930	1	524	57	2	0	930
ALL HOURS	53.2	9.368	7440	27	4647	682	48	0	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	42.6	10.238	900	175	248	3	0	0	900
03-05	41.8	10.276	900	193	232	3	0	0	900
06-08	41.7	10.325	900	194	217	6	0	0	900
09-11	45.5	9.612	900	65	294	10	0	0	900
12-14	47.4	9.480	898	33	354	26	0	0	898
15-17	46.4	9.410	900	52	337	16	0	0	900
18-20	44.1	9.579	898	92	254	7	0	0	898
21-23	43.0	9.873	897	123	237	3	0	0	897
ALL HOURS	44.1	10.071	7193	927	2173	74	0	0	7193

MONTH: DEC

00-02	33.1	11.119	930	471	83	0	0	0	930
03-05	32.5	11.336	930	509	80	0	0	0	930
06-08	32.3	11.406	930	509	79	0	0	0	930
09-11	35.0	10.929	930	377	101	1	0	0	930
12-14	37.0	10.721	930	303	121	2	0	0	930
15-17	36.5	10.589	930	321	112	0	0	0	930
18-20	34.6	10.650	930	403	89	0	0	0	930
21-23	33.7	10.865	930	435	89	0	0	0	930
ALL HOURS	34.4	11.082	7440	3328	754	3	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	48.7	16.220	10956	2121	5483	1886	559	6	10956
03-05	48.0	16.334	10956	2245	5278	1780	479	6	10956
06-08	48.8	16.985	10955	2220	5499	2101	756	15	10955
09-11	52.0	16.695	10955	1584	6155	2722	1297	82	10955
12-14	53.5	16.125	10953	1275	6494	2964	1499	117	10953
15-17	53.2	16.004	10953	1271	6426	2897	1397	90	10953
18-20	51.2	16.165	10950	1623	5939	2442	1065	25	10950
21-23	49.7	16.054	10950	1842	5643	2045	700	7	10950
ALL HOURS	50.6	16.446	87628	14181	46917	18837	7752	348	87628

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	22.2	13.137	930	609	107	924	0	930
03-05	21.7	12.978	930	615	104	927	0	930
06-08	21.5	13.090	930	619	96	927	0	930
09-11	23.1	13.493	930	571	128	926	0	930
12-14	23.7	13.609	930	565	147	923	0	930
15-17	23.6	13.469	930	567	148	921	0	930
18-20	23.0	12.892	928	594	120	923	0	928
21-23	22.7	12.896	930	603	107	924	0	930
ALL HOURS	22.7	13.236	7438	4743	957	7395	0	7438

MONTH: FEB

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	25.7	12.452	846	473	161	830	0	846
03-05	25.2	12.488	846	503	164	834	0	846
06-08	25.1	12.504	846	502	177	834	0	846
09-11	26.1	13.325	846	476	195	833	0	846
12-14	26.5	13.555	846	463	206	830	0	846
15-17	26.5	13.359	846	448	193	830	0	846
18-20	26.3	12.573	846	438	175	838	0	846
21-23	26.0	12.208	846	452	161	839	0	846
ALL HOURS	25.9	12.842	6768	3755	1432	6668	0	6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	31.2	12.349	930	357	295	909	0	930
03-05	30.8	12.455	930	374	294	910	0	930
06-08	31.1	12.644	930	352	308	906	0	930
09-11	32.2	13.306	929	347	341	889	3	929
12-14	32.3	13.088	930	335	340	883	1	930
15-17	32.0	13.069	930	334	322	888	1	930
18-20	31.7	12.778	930	340	325	903	0	930
21-23	31.8	12.360	930	321	320	906	0	930
ALL HOURS	31.6	12.778	7439	2760	2545	7194	5	7439

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	39.4	10.629	900	128	525	845	0	899
03-05	39.0	10.571	900	126	534	858	0	899
06-08	40.4	10.535	900	117	582	846	0	899
09-11	41.4	11.193	900	116	591	807	4	899
12-14	41.8	11.310	899	103	576	783	6	899
15-17	41.0	11.335	897	116	563	792	3	899
18-20	40.4	11.406	900	119	563	809	3	899
21-23	40.3	10.909	900	111	552	816	1	899
ALL HOURS	40.5	11.038	7196	936	4486	6556	17	7196

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 ~ NOV 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	51.6	9.405	930	7	877	600	73	930
03-05	51.2	9.653	930	9	866	605	64	930
06-08	52.9	9.612	930	4	882	553	103	930
09-11	54.1	10.080	930	3	889	494	155	930
12-14	54.2	9.908	930	3	892	482	150	930
15-17	53.4	9.923	930	3	878	503	124	930
18-20	52.7	9.789	929	4	869	530	98	929
21-23	52.3	9.256	930	4	886	563	84	930
ALL HOURS	52.8	9.790	7439	37	7039	4330	851	7439

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	59.9	8.282	900	0	897	281	292	900
03-05	59.4	8.459	900	0	897	296	287	900
06-08	61.2	8.285	899	0	897	228	366	900
09-11	61.5	8.811	900	0	900	241	389	900
12-14	61.2	8.961	900	0	900	251	389	900
15-17	60.8	8.659	900	0	899	241	361	900
18-20	60.6	8.744	899	0	895	252	352	900
21-23	60.1	8.378	897	0	893	285	304	900
ALL HOURS	60.6	8.624	7195	0	7178	2075	2740	7195

E - 5 - 3 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	66.3	6.392	930	0	927	58	626	930
03-05	66.0	6.668	930	0	928	68	620	930
06-08	67.3	6.590	930	0	930	51	678	930
09-11	67.6	7.020	930	0	930	65	652	930
12-14	67.0	7.099	930	0	930	66	627	930
15-17	66.6	7.167	930	0	930	76	609	930
18-20	66.7	6.677	930	0	930	77	626	930
21-23	66.6	6.102	930	0	930	57	638	930
ALL HOURS	66.8	6.769	7440	0	7435	518	5086	7440

MONTH: AUG

00-02	65.7	7.071	930	0	927	86	585	930
03-05	65.2	7.185	930	0	927	81	575	930
06-08	66.2	6.988	930	0	929	70	600	930
09-11	66.6	7.403	930	0	929	71	602	930
12-14	66.4	7.532	930	0	930	84	592	930
15-17	66.3	7.455	930	0	930	77	591	930
18-20	66.1	7.188	930	0	930	71	581	930
21-23	65.8	6.965	930	0	928	78	584	930
ALL HOURS	66.0	7.272	7440	0	7430	618	4710	7440

B - 5 - 3 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	58.0	8.910	900	0	893	342	253	900
03-05	57.7	9.307	900	0	892	361	258	900
06-08	58.7	9.129	900	0	892	320	286	900
09-11	59.6	9.510	900	0	889	291	329	900
12-14	58.7	9.751	900	0	889	315	292	900
15-17	58.6	9.747	900	0	888	310	270	900
18-20	58.7	9.214	900	0	893	312	269	900
21-23	58.5	8.798	900	0	895	307	253	900
ALL HOURS	58.6	9.330	7200	0	7131	2558	2210	7200

MONTH: OCT

00-02	47.9	11.420	930	29	754	642	62	930
03-05	47.6	11.408	930	28	746	664	65	930
06-08	48.0	11.356	930	22	756	654	70	930
09-11	49.6	11.686	930	27	784	596	103	930
12-14	48.8	12.113	930	26	767	619	98	930
15-17	48.2	12.384	930	51	738	627	97	930
18-20	48.2	11.725	930	36	760	620	84	930
21-23	48.0	11.353	930	31	766	643	67	930
ALL HOURS	48.3	11.715	7440	250	6071	5065	646	7440

B - 5 - 3 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	37.9	12.735	900	224	476	809	7	900
03-05	37.5	12.514	900	228	461	825	4	900
06-08	37.6	12.500	900	214	451	823	7	900
09-11	39.4	12.633	900	175	505	791	14	900
12-14	39.1	13.148	898	191	491	788	18	898
15-17	38.5	13.280	900	194	469	798	13	900
18-20	38.1	12.812	898	205	470	811	14	898
21-23	37.9	12.704	897	216	467	810	5	897
ALL HOURS	38.2	12.827	7193	1647	3790	6455	82	7193

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	26.8	14.185	930	519	217	898	0	930
03-05	26.5	14.218	930	516	209	903	2	930
06-08	26.4	14.201	930	522	208	909	3	930
09-11	27.7	14.315	930	484	233	904	1	930
12-14	27.8	14.491	930	503	237	903	0	930
15-17	27.5	14.462	930	494	244	899	0	930
18-20	27.3	14.085	930	491	224	901	0	930
21-23	27.1	14.027	930	487	221	897	0	930
ALL HOURS	27.1	14.271	7440	4016	1793	7214	6	7440

B - 5 - 3 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	44.5	18.793	10956	2346	7056	7224	1898	10956
03-05	44.1	18.836	10956	2399	7022	7332	1875	10956
06-08	44.8	19.274	10955	2352	7108	7121	2113	10955
09-11	45.9	19.232	10955	2199	7314	6908	2262	10955
12-14	45.7	19.082	10953	2189	7305	6927	2173	10953
15-17	45.3	19.035	10953	2207	7202	6962	2069	10953
18-20	45.1	18.910	10950	2227	7154	7047	2027	10950
21-23	44.8	18.702	10950	2225	7126	7125	1936	10950
ALL HOURS	45.0	18.992	87628	18144	57287	56646	16353	87628

E - 5 - 3 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	98.8	94.0	83.4	67.7	46.0	28.4	11.5	67.6	930
03-05	100.0	100.0	99.1	95.8	85.4	69.1	48.5	30.0	11.6	68.8	930
06-08	100.0	100.0	99.7	96.3	87.6	70.5	50.8	30.6	14.3	69.7	930
09-11	100.0	100.0	98.5	90.4	73.5	55.3	37.8	24.3	11.4	64.0	930
12-14	100.0	99.8	94.9	78.8	55.8	38.5	28.1	19.0	10.8	57.3	930
15-17	100.0	100.0	93.7	78.6	57.3	39.7	29.7	19.5	10.3	57.5	930
18-20	100.0	100.0	98.7	89.3	73.1	52.5	35.3	23.6	10.8	63.2	928
21-23	100.0	100.0	99.0	94.1	79.2	62.4	39.8	25.2	10.1	65.8	930
ALL HOURS	100.0	100.0	97.8	89.7	74.4	57.0	39.5	25.1	11.3	64.2	7438

MONTH: FEB

00-02	100.0	100.0	99.3	96.2	83.0	63.6	46.5	27.1	14.3	68.0	846
03-05	100.0	100.0	99.4	96.2	87.7	67.8	48.8	30.1	14.9	69.6	846
06-08	100.0	100.0	99.8	97.4	87.5	71.3	50.8	34.6	14.8	70.5	846
09-11	100.0	100.0	98.3	87.1	68.7	52.6	38.8	25.7	12.5	63.1	846
12-14	100.0	99.6	91.5	73.6	54.3	38.7	28.4	20.0	9.5	56.2	846
15-17	100.0	99.8	90.0	73.3	53.4	39.5	30.0	19.6	9.2	56.1	846
18-20	100.0	100.0	97.4	87.9	67.4	51.3	37.5	23.8	11.5	62.5	846
21-23	100.0	100.0	99.3	92.7	78.0	60.5	42.4	26.4	12.8	66.3	846
ALL HOURS	100.0	99.9	96.9	88.1	72.5	55.7	40.4	25.9	12.4	64.1	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.6	95.2	84.5	68.0	49.8	33.8	11.8	68.9	930
03-05	100.0	100.0	99.7	96.6	85.8	74.0	55.3	36.6	13.2	70.9	930
06-08	100.0	100.0	99.7	96.0	85.6	72.2	55.4	35.2	12.2	70.6	930
09-11	100.0	100.0	97.6	83.3	64.8	46.2	33.4	22.3	8.0	60.1	929
12-14	100.0	99.6	89.5	67.5	47.3	34.0	23.5	14.7	5.8	52.8	930
15-17	100.0	98.4	84.3	63.3	49.9	35.4	24.2	16.3	6.7	52.4	930
18-20	100.0	99.5	93.1	78.0	63.1	49.1	37.2	21.5	8.1	59.5	930
21-23	100.0	99.9	99.1	90.4	76.1	60.2	45.5	28.5	9.6	65.5	930
ALL HOURS	100.0	99.7	95.3	83.8	69.6	54.9	40.5	26.1	9.4	62.6	7439

MONTH: APR

00-02	100.0	100.0	99.7	97.3	89.7	77.1	54.1	34.2	13.7	71.2	900
03-05	100.0	100.0	99.9	98.8	91.4	80.1	62.4	39.6	16.3	73.4	900
06-08	100.0	100.0	99.9	98.2	90.4	77.8	59.6	36.2	15.3	72.3	900
09-11	100.0	100.0	98.6	85.1	66.6	50.4	36.4	24.9	9.7	61.6	900
12-14	100.0	100.0	94.9	73.4	55.1	38.9	28.7	17.4	7.7	56.1	899
15-17	100.0	99.9	88.7	69.1	53.6	38.8	29.3	18.1	7.6	55.0	897
18-20	100.0	99.7	93.9	80.8	67.9	53.9	38.9	25.7	8.9	61.6	900
21-23	100.0	99.8	98.6	94.6	82.0	67.9	51.1	32.2	12.2	68.3	900
ALL HOURS	100.0	99.9	96.8	87.2	74.6	60.6	45.1	28.5	11.4	64.9	7196

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	99.6	98.0	88.4	72.3	50.3	18.3	76.9	930
03-05	100.0	100.0	100.0	100.0	97.7	93.2	78.4	57.7	23.7	79.4	930
06-08	100.0	100.0	100.0	99.9	96.2	86.8	71.6	49.4	17.3	76.5	930
09-11	100.0	100.0	100.0	94.7	80.2	62.5	40.1	22.0	5.7	65.0	930
12-14	100.0	100.0	98.7	86.8	65.7	44.9	29.5	14.5	3.7	58.7	930
15-17	100.0	99.8	97.0	83.1	63.1	45.5	28.9	14.8	2.9	57.8	930
18-20	100.0	100.0	98.8	93.6	78.6	61.8	43.1	24.7	7.0	65.2	929
21-23	100.0	100.0	99.9	99.6	94.3	82.3	63.1	38.1	11.5	73.1	930
ALL HOURS	100.0	100.0	99.3	94.7	84.2	70.7	53.4	33.9	11.3	69.1	7439

MONTH: JUN

00-02	100.0	100.0	100.0	99.6	98.1	92.8	76.3	50.0	20.0	78.3	900
03-05	100.0	100.0	100.0	100.0	99.1	95.9	82.8	58.6	24.8	80.8	900
06-08	100.0	100.0	100.0	99.8	97.8	90.1	71.9	44.5	17.8	76.8	899
09-11	100.0	100.0	100.0	96.7	82.6	54.8	30.6	15.0	6.8	63.1	900
12-14	100.0	99.9	98.4	89.1	62.7	37.9	19.9	10.4	4.6	56.8	900
15-17	100.0	100.0	97.6	84.3	62.4	37.4	20.4	11.0	3.7	56.3	900
18-20	100.0	100.0	99.4	92.5	78.5	59.2	37.6	19.6	9.0	64.1	899
21-23	100.0	100.0	100.0	99.3	94.9	83.3	62.1	31.4	14.2	73.1	897
ALL HOURS	100.0	100.0	99.4	95.2	84.5	68.9	50.2	30.1	12.6	68.7	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	99.8	99.7	98.2	87.4	59.6	25.4	81.8	930
03-05	100.0	100.0	100.0	100.0	99.7	98.9	93.7	69.0	33.8	84.3	930
06-08	100.0	100.0	100.0	99.9	98.6	95.3	84.6	51.8	20.0	79.8	930
09-11	100.0	100.0	100.0	98.6	89.4	68.5	40.1	14.4	3.5	66.0	930
12-14	100.0	100.0	99.5	92.9	71.4	45.8	22.9	8.8	2.0	58.9	930
15-17	100.0	100.0	99.0	90.6	68.7	45.6	25.6	10.2	1.7	58.8	930
18-20	100.0	100.0	100.0	97.5	89.2	70.0	47.3	21.9	7.3	67.7	930
21-23	100.0	100.0	100.0	100.0	99.0	93.9	75.8	43.0	16.1	77.4	930
ALL HOURS	100.0	100.0	99.8	97.4	89.5	77.0	59.7	34.9	13.7	71.9	7440

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	99.8	98.1	91.7	67.0	29.7	83.4	930
03-05	100.0	100.0	100.0	100.0	100.0	99.0	94.4	75.1	35.4	85.3	930
06-08	100.0	100.0	100.0	100.0	99.9	97.5	89.0	61.8	26.2	82.2	930
09-11	100.0	100.0	100.0	99.2	91.1	74.2	45.5	17.4	4.9	67.9	930
12-14	100.0	100.0	99.9	97.0	79.6	50.5	27.2	10.3	1.5	61.2	930
15-17	100.0	100.0	99.8	95.5	78.8	53.7	30.6	12.8	2.6	61.9	930
18-20	100.0	100.0	100.0	99.5	94.4	79.2	56.1	25.8	8.3	71.0	930
21-23	100.0	100.0	100.0	99.8	99.5	96.1	83.2	50.6	17.2	79.6	930
ALL HOURS	100.0	100.0	100.0	98.9	92.9	81.0	64.7	40.1	15.7	74.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP

HOURLS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	99.8	97.0	87.4	60.7	25.1	81.4	900
03-05	100.0	100.0	100.0	100.0	100.0	99.1	94.6	69.4	33.3	84.0	900
06-08	100.0	100.0	100.0	100.0	100.0	98.2	89.0	64.6	29.4	82.6	900
09-11	100.0	100.0	100.0	98.8	89.7	70.1	44.0	20.7	8.2	67.6	900
12-14	100.0	100.0	99.6	92.4	68.2	44.4	24.7	11.1	4.0	59.0	900
15-17	100.0	100.0	99.6	91.8	72.0	48.3	27.1	12.1	4.0	59.9	900
18-20	100.0	100.0	100.0	99.6	95.6	80.0	57.0	28.4	10.3	71.4	900
21-23	100.0	100.0	100.0	100.0	99.2	95.3	78.6	47.6	17.4	78.3	900
ALL HOURS	100.0	100.0	99.9	97.8	90.6	79.1	62.8	39.3	16.5	73.0	7200

MONTH: OCT

00-02	100.0	100.0	100.0	99.7	98.3	92.9	75.9	52.6	26.3	79.3	930
03-05	100.0	100.0	100.0	100.0	99.2	96.1	83.1	61.1	31.7	81.9	930
06-08	100.0	100.0	100.0	99.9	98.3	94.6	80.3	58.5	29.4	80.8	930
09-11	100.0	99.9	99.5	96.2	83.8	66.5	45.6	25.1	9.7	67.2	930
12-14	100.0	99.8	98.8	84.6	61.1	41.3	24.8	12.3	4.7	57.2	930
15-17	100.0	100.0	97.4	82.3	62.3	46.7	29.7	14.9	6.3	58.4	930
18-20	100.0	100.0	100.0	97.5	87.6	72.3	49.6	30.3	14.8	69.7	930
21-23	100.0	100.0	99.8	99.5	96.3	86.9	66.7	44.1	21.4	76.0	930
ALL HOURS	100.0	100.0	99.4	95.0	85.9	74.7	57.0	37.4	18.1	71.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.4	91.1	78.1	63.0	43.0	17.8	73.7	900
03-05	100.0	100.0	100.0	99.8	95.1	82.4	65.4	46.3	20.2	75.6	900
06-08	100.0	100.0	100.0	99.9	95.2	84.0	68.7	47.3	20.4	76.3	900
09-11	100.0	100.0	99.8	95.4	80.6	62.3	47.0	29.9	10.2	66.9	900
12-14	100.0	100.0	97.2	81.6	61.1	42.0	28.7	16.7	5.9	57.9	898
15-17	100.0	99.9	97.1	82.9	63.9	46.9	34.4	21.7	6.8	59.7	900
18-20	100.0	100.0	99.6	95.8	81.0	63.3	49.2	33.1	11.5	67.7	898
21-23	100.0	100.0	99.9	98.0	88.9	72.6	56.2	37.6	15.4	71.4	897
ALL HOURS	100.0	100.0	99.2	94.1	82.1	66.5	51.6	34.5	13.5	68.7	7193

MONTH: DEC

00-02	100.0	100.0	100.0	96.6	83.2	64.5	46.0	29.4	11.4	67.8	930
03-05	100.0	100.0	99.9	97.5	85.2	67.5	48.8	32.4	11.7	69.1	930
06-08	100.0	100.0	99.5	97.6	88.2	69.4	50.0	32.7	10.8	69.6	930
09-11	100.0	100.0	98.9	91.3	73.9	54.1	37.4	25.3	9.9	63.7	930
12-14	100.0	99.9	96.6	79.0	54.6	37.5	26.2	18.7	8.3	56.5	930
15-17	100.0	100.0	96.7	80.1	56.8	39.8	28.8	18.8	9.5	57.5	930
18-20	100.0	100.0	99.5	91.7	73.0	51.9	35.3	24.1	10.5	63.2	930
21-23	100.0	100.0	100.0	95.7	81.7	62.3	41.9	26.5	10.0	66.3	930
ALL HOURS	100.0	100.0	98.9	91.2	74.6	55.9	39.3	26.0	10.3	64.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.8	98.1	92.4	82.3	66.5	44.8	18.8	74.9	10956
03-05	100.0	100.0	99.8	98.7	93.9	85.4	71.5	50.6	22.6	77.0	10956
06-08	100.0	100.0	99.9	98.7	93.8	84.0	68.6	45.7	19.0	75.7	10955
09-11	100.0	100.0	99.3	93.1	78.8	59.8	39.7	22.2	8.3	64.7	10955
12-14	100.0	99.9	96.6	83.1	61.5	41.2	26.0	14.5	5.7	57.4	10953
15-17	100.0	99.8	95.1	81.3	61.9	43.1	28.2	15.8	5.9	57.6	10953
18-20	100.0	99.9	98.4	92.0	79.2	62.1	43.7	25.2	9.8	65.6	10950
21-23	100.0	100.0	99.6	97.0	89.2	77.1	59.0	36.0	14.0	71.8	10950
ALL HOURS	100.0	99.9	98.6	92.8	81.3	66.9	50.4	31.8	13.0	68.1	87628

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

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PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1019.1	1018.8	1017.6	1014.8	1015.7	1014.8	1016.0	1016.7	1019.0	1020.0	1019.3	1019.6	1017.6
	SD	9.810	9.217	9.267	7.804	5.789	4.909	4.178	4.517	5.831	6.591	8.300	8.618	7.543
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0400	MEAN	1019.1	1018.5	1017.2	1014.6	1015.6	1014.7	1015.8	1016.5	1018.8	1019.9	1019.2	1019.8	1017.5
	SD	9.636	9.398	9.437	7.995	5.890	5.000	4.219	4.601	6.075	6.636	8.189	8.544	7.609
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	1019.7	1019.3	1018.2	1015.6	1016.6	1015.7	1016.7	1017.4	1019.7	1020.7	1020.0	1020.5	1018.3
	SD	9.580	9.522	9.698	8.234	5.952	5.066	4.245	4.642	6.330	6.690	8.226	8.488	7.670
	TOT OBS	310	282	310	300	310	299	310	310	300	309	300	310	3650
1000	MEAN	1020.6	1020.0	1018.7	1015.7	1016.8	1015.8	1016.9	1017.8	1020.1	1021.2	1020.5	1021.4	1018.8
	SD	9.731	9.765	9.914	8.358	6.022	5.080	4.349	4.661	6.283	6.813	8.336	8.575	7.834
	TOT OBS	310	282	309	300	310	300	310	309	300	310	300	310	3650
1300	MEAN	1018.6	1018.6	1017.3	1014.7	1015.8	1014.9	1016.2	1017.0	1019.1	1019.7	1018.8	1019.5	1017.5
	SD	9.822	9.658	9.625	8.176	6.035	5.065	4.349	4.624	6.100	6.836	8.159	8.495	7.673
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	1018.2	1017.8	1016.1	1013.6	1014.8	1014.0	1015.2	1016.0	1018.1	1019.1	1018.5	1019.2	1016.7
	SD	9.855	9.387	9.217	7.915	6.003	4.940	4.360	4.555	5.922	6.740	7.992	8.471	7.588
	TOT OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
1900	MEAN	1019.1	1018.8	1016.9	1014.1	1015.0	1014.2	1015.3	1016.3	1018.6	1019.9	1019.2	1020.0	1017.3
	SD	9.876	9.138	9.011	7.668	5.799	4.827	4.210	4.518	5.807	6.669	8.110	8.498	7.555
	TOT OBS	310	282	310	300	309	299	309	310	300	310	299	310	3648
2200	MEAN	1019.3	1019.2	1017.6	1015.0	1015.9	1015.2	1016.2	1017.1	1019.2	1020.4	1019.4	1020.2	1017.9
	SD	9.880	9.057	9.114	7.640	5.814	4.772	4.069	4.459	5.802	6.679	8.258	8.569	7.500
	TOT OBS	310	282	310	300	310	299	310	310	300	310	299	310	3650
ALL HOURS	MEAN	1019.2	1018.9	1017.5	1014.8	1015.8	1014.9	1016.0	1016.9	1019.1	1020.1	1019.3	1020.0	1017.7
	SD	9.797	9.415	9.443	8.004	5.949	4.992	4.285	4.608	6.052	6.735	8.219	8.556	7.646
	TOT OBS	2480	2256	2479	2400	2479	2397	2479	2479	2400	2479	2397	2480	29205

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.09	30.08	30.05	29.96	29.99	29.96	30.00	30.02	30.09	30.12	30.10	30.11	30.05
	SD	.290	.272	.274	.231	.171	.145	.123	.133	.172	.194	.245	.254	.223
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
0400	MEAN	30.09	30.07	30.03	29.96	29.99	29.96	29.99	30.01	30.08	30.11	30.09	30.11	30.04
	SD	.284	.277	.279	.236	.174	.148	.124	.136	.180	.195	.242	.252	.225
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	30.11	30.10	30.06	29.99	30.02	29.99	30.02	30.04	30.11	30.14	30.12	30.13	30.07
	SD	.283	.281	.286	.243	.176	.150	.126	.137	.187	.197	.243	.251	.227
	TOT OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
1000	MEAN	30.13	30.12	30.08	29.99	30.02	29.99	30.02	30.05	30.12	30.15	30.13	30.16	30.08
	SD	.288	.288	.293	.247	.178	.150	.128	.137	.186	.200	.246	.253	.231
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
1300	MEAN	30.07	30.07	30.04	29.96	29.99	29.97	30.00	30.03	30.09	30.11	30.08	30.10	30.04
	SD	.291	.285	.283	.241	.178	.149	.128	.136	.180	.201	.241	.251	.226
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
1600	MEAN	30.06	30.05	30.00	29.93	29.96	29.94	29.97	30.00	30.06	30.09	30.07	30.09	30.02
	SD	.291	.277	.272	.234	.176	.146	.129	.134	.175	.199	.236	.250	.224
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
1900	MEAN	30.09	30.08	30.02	29.94	29.97	29.94	29.98	30.01	30.08	30.11	30.09	30.12	30.04
	SD	.292	.269	.266	.227	.171	.143	.123	.133	.171	.197	.239	.251	.223
	TOT OBS	310	282	310	300	309	299	309	310	299	310	299	310	3647
2200	MEAN	30.10	30.09	30.05	29.97	30.00	29.97	30.00	30.03	30.09	30.13	30.10	30.12	30.05
	SD	.292	.267	.269	.226	.171	.141	.120	.132	.171	.197	.244	.253	.221
	TOT OBS	310	282	310	300	310	299	310	310	300	310	299	310	3650
ALL HOURS	MEAN	30.09	30.08	30.04	29.96	29.99	29.97	30.00	30.02	30.09	30.12	30.10	30.12	30.05
	SD	.289	.278	.279	.237	.176	.148	.126	.136	.179	.198	.243	.253	.226
	TOT OBS	2480	2256	2478	2400	2477	2397	2479	2480	2399	2480	2398	2480	29204

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.05	30.04	30.01	29.92	29.95	29.92	29.96	29.98	30.05	30.08	30.06	30.07	30.01
	SD	.290	.272	.274	.231	.171	.145	.123	.133	.172	.194	.245	.254	.223
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
0400	MEAN	30.05	30.03	29.99	29.92	29.95	29.92	29.95	29.97	30.04	30.07	30.05	30.07	30.00
	SD	.284	.277	.279	.236	.174	.148	.124	.136	.180	.195	.242	.252	.225
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0700	MEAN	30.07	30.06	30.02	29.95	29.98	29.95	29.98	30.00	30.07	30.10	30.08	30.09	30.03
	SD	.283	.281	.286	.243	.176	.150	.126	.137	.187	.197	.243	.251	.227
	TOT OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
1000	MEAN	30.09	30.08	30.04	29.95	29.98	29.95	29.98	30.01	30.08	30.11	30.09	30.12	30.04
	SD	.288	.288	.293	.247	.178	.150	.128	.137	.186	.200	.246	.253	.231
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
1300	MEAN	30.03	30.03	30.00	29.92	29.95	29.93	29.96	29.99	30.05	30.07	30.04	30.06	30.00
	SD	.291	.285	.283	.241	.178	.149	.128	.136	.180	.201	.241	.251	.226
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
1600	MEAN	30.02	30.01	29.96	29.89	29.92	29.90	29.93	29.96	30.02	30.05	30.03	30.05	29.98
	SD	.291	.277	.272	.234	.176	.146	.129	.134	.175	.199	.236	.250	.224
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
1900	MEAN	30.05	30.04	29.98	29.90	29.93	29.90	29.94	29.97	30.04	30.07	30.05	30.08	30.00
	SD	.292	.269	.266	.227	.171	.143	.123	.133	.171	.197	.239	.251	.223
	TOT OBS	310	282	310	300	309	299	309	310	299	310	299	310	3647
2200	MEAN	30.06	30.05	30.01	29.93	29.96	29.93	29.96	29.99	30.05	30.09	30.06	30.08	30.01
	SD	.292	.267	.269	.226	.171	.141	.120	.132	.171	.197	.244	.253	.221
	TOT OBS	310	282	310	300	310	299	310	310	300	310	299	310	3650
ALL HOURS	MEAN	30.05	30.04	30.00	29.92	29.95	29.93	29.96	29.98	30.05	30.08	30.06	30.08	30.01
	SD	.289	.278	.279	.237	.176	.147	.126	.136	.179	.198	.243	.253	.226
	TOT OBS	2480	2256	2478	2400	2477	2397	2479	2480	2399	2480	2398	2480	29204

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	9.2	.8		930	10.6	.6		930	9.8	.3		930	16.6	1.5		930
CATEGORY B	10.6	3.7	.4	1020	12.2	3.4	.4	1088	12.4	4.1	.2	1079	19.4	7.3	.6	1080

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	22.4	1.8		930	16.7	1.8		930	10.1	.2		928	10.2	.5		930
CATEGORY B	26.4	9.8	.7	1063	18.4	7.3	.5	1071	11.9	5.5	.1	1035	11.4	4.9	.2	1029

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	15.1	1.1		4648	13.2	1.0		7438
CATEGORY B	17.7	6.8	.4	5328	15.4	5.8	.4	8465

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	6.9	.4		846	6.9	.5		846	7.7	.5		846	13.1	1.7		846
CATEGORY B	8.7	4.4	.6	961	8.5	2.4	.4	966	8.8	2.9	.2	1009	16.1	4.7	.5	969

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	19.6	1.2		846	13.4	1.4		846	5.9	.6		846	6.9	.4		846
CATEGORY B	23.2	6.9	.8	956	16.1	4.7	.5	948	8.7	2.9	.1	947	8.7	3.8	.2	947

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	11.9	1.1		4230	10.0	.8		6768
CATEGORY B	14.5	4.4	.4	4829	12.3	4.1	.4	7703

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	7.7	.4		930	7.5	.9		930	9.0	1.0		930	19.2	1.8		929
CATEGORY B	11.8	3.2	.4	1038	11.0	3.5	.7	1058	12.4	4.0	.4	1057	24.4	8.5	1.0	1032

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	24.4	2.2		930	20.1	1.6	.3	930	9.0	1.2		930	6.7	1.1		930
CATEGORY B	29.4	10.9	1.4	1040	26.7	8.7	1.0	1073	12.6	2.8	.8	1027	9.3	3.1	.6	1027

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	16.3	1.5	.1	4649	13.0	1.3	.0	7439
CATEGORY B	21.1	7.0	.9	5229	17.2	5.6	.8	8352

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	6.7	.4		900	5.1	.7		900	8.3	.2		900	20.8	.7		900
CATEGORY B	9.7	2.6	.2	1002	9.6	2.9	.2	1025	11.6	3.2		1079	26.2	7.6	.1	1040

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	25.8	1.7		899	21.4	1.2		900	8.8	.3		900	6.2	.4		900
CATEGORY B	32.6	10.9	.7	1015	29.0	7.7	1.0	1024	12.8	2.6		1014	9.8	2.5	.3	1009

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	17.0	.8		4499	12.9	.7		7199
CATEGORY B	22.3	6.4	.3	5172	17.7	5.0	.3	8208

0 - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	1.9			930	2.0			930	4.4			930	9.5	.1		930
CATEGORY B	3.2	.6		1033	3.9	.7		1081	7.1	1.3		1092	14.7	3.3	.2	1063

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	12.5	.3		930	11.2			930	3.6	.1		929	2.7	.1		930
CATEGORY B	16.8	3.6	.1	1024	17.0	4.3	.3	1046	5.9	1.7		1037	4.0	.9		1019

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	8.2	.1		4649	6.0	.1		7439
CATEGORY B	12.2	2.8	.1	5262	9.1	2.0	.1	8395

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	1.3			900	.9			900	2.7			899	6.6			900
CATEGORY B	1.8			967	1.6			1034	4.0	.2		1020	10.0	2.2		964

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	9.9	.2		900	8.6	.2		900	2.2	.1		900	1.7			897
CATEGORY B	14.6	2.9	.1	974	12.1	3.1	.2	1013	4.0	1.6	.1	1002	2.4	.6		987

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	6.0	.1		4499	4.2	.1		7196
CATEGORY B	8.9	2.0	.1	4973	6.3	1.3	.1	7961

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	.4			930	.2			930	1.1			930	3.7			930
CATEGORY B	.7			1021	.6			1085	2.0			1083	6.7	.5		1024

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	6.6			930	6.8			930	1.7			930	.9			930
CATEGORY B	11.7	1.8		1052	10.9	2.1	.1	1067	5.0	1.4	.2	1042	1.6	.2		1020

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	4.0			4650	2.7			7440
CATEGORY B	7.3	1.2	.1	5268	4.9	.8	.0	8394

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	1.2			930	1.0			930	1.2			930	2.8			930
CATEGORY B	1.8	.7		994	2.5	.5		1081	2.8	.2		1085	5.3	.7		1005

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	3.1			930	2.3			930	.8			930	.9			930
CATEGORY B	7.0	1.1		1006	5.1	1.1	.1	1004	3.0	.9	.1	1001	2.7	.4	.4	1017

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	2.0			4650	1.6			7440
CATEGORY B	4.6	.8	.0	5101	3.7	.7	.1	8193

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	.6			900	.8	.2		900	2.3			900	5.2	.3	.2	900
CATEGORY B	2.3			974	1.5	.4	.1	1046	3.1	.7		1071	10.1	1.4	.2	993

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	6.6	.1		900	5.7			900	1.8			900	1.7	.1		900
CATEGORY B	9.6	1.1	.2	957	8.4	.7		955	2.6	.7		963	2.1	.4	.1	974

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	4.3	.1	.0	4500	3.1	.1	.0	7200
CATEGORY B	6.7	1.0	.1	4939	4.9	.7	.1	7933

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	1.8			930	1.7			930	1.5			930	8.7	.1		930
CATEGORY B	3.1	.4	.1	993	2.1	.2		1017	2.6	.6		1076	12.8	2.0	.1	1001

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	10.6	.1		930	6.8	.1		930	2.8			930	2.8	.1		930
CATEGORY B	17.5	2.6	.2	1011	10.7	2.0		994	4.7	.9	.2	1000	3.7	.4		1017

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	6.1	.1		4650	4.6	.1		7440
CATEGORY B	9.6	1.6	.1	5082	7.1	1.1	.1	8109

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	5.6	.4		900	5.6	.3		900	7.4	.3		900	14.8	1.6		900
CATEGORY B	7.9	1.9	.3	978	7.7	2.6	.4	1015	9.2	2.7	.2	1026	20.1	6.0	.6	994

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	20.3	1.6		900	11.3	.7		900	4.7	.3		898	5.7	.4		897
CATEGORY B	25.9	9.8	.7	994	16.4	4.5	.3	969	7.9	1.4	.4	987	8.6	2.6	.6	964

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	11.7	.9		4498	9.4	.7		7195
CATEGORY B	15.9	4.9	.4	4970	12.9	3.9	.4	7927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	8.6	1.0		930	8.1	.6		930	8.6	.3		930	14.2	1.3		930
CATEGORY B	11.1	3.4	.5	981	11.1	3.4	.3	990	11.7	2.7	.1	1019	19.5	7.2	.6	1031

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	19.6	1.5		930	15.2	1.8		930	8.9	.8		930	9.2	.6		930
CATEGORY B	24.5	9.0	1.0	1024	17.8	6.6	1.7	1003	11.2	4.0	.5	1004	12.3	3.6	.4	1017

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	13.3	1.1		4650	11.5	1.0		7440
CATEGORY B	17.0	5.9	.8	5081	14.9	5.0	.6	8069

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: DEC 81 - NOV 91
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	4.3	.3		10956	4.2	.3		10956	5.3	.2		10955	11.2	.7	.0	10955
CATEGORY B	6.1	1.7	.2	11962	6.0	1.6	.2	12486	7.3	1.9	.1	12696	15.5	4.3	.3	12196

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	15.1	.9		10955	11.6	.7	.0	10956	5.0	.3		10951	4.6	.3		10950
CATEGORY B	20.0	5.9	.5	12116	15.8	4.4	.5	12167	7.5	2.2	.2	12059	6.4	1.9	.2	12027

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE18	GE28	OBS	GE10	GE18	GE28	OBS
CATEGORY A	9.6	.6	.0	54772	7.7	.5	.0	87634
CATEGORY B	13.2	3.7	.3	61234	10.6	3.0	.3	97709

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HH
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART B

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) FOR (IF AVAILABLE). THE 30-YEAR FOR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR FOR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: JAN 43 - NOV 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1943	975	776	651	471	92	3			60	****	591	913	4532
1944	908	836	750	412	40	8			38	289	559	955	4795
1945	1116	789	401	266	162	44			19	254	479	1029	4559
1951	819	758	656	375	103	13			36	174	635	763	4332
1952	795	743	713	291	121	1		2	25	341	527	807	4366
1953	765	688	605	356	65	21			41	176	522	722	3961
1954	932	635	676	271	155	6			22	****	588	873	4158
1955	996	801	592	285	93	26			23	193	588	1011	4608
1956	976	723	715	440	195	15		1	87	185	529	625	4491
1957	1037	713	653	292	117	11			49	304	469	740	4385
1958	1004	1004	767	329	113	16			39	238	457	1071	5038
1959	961	800	672	298	89	10			41	227	551	739	4388
1960	848	779	960	245	119	3			6	249	478	1047	4734
1961	1127	764	635	436	167	3		1	27	203	489	884	4736
1962	955	878	702	348	97	2			61	211	602	992	4848
1963	1032	969	550	316	165	5		3	94	192	450	1055	4831
1964	923	870	610	447	124	25			31	316	424	742	4512
1965	1003	793	756	430	48	5		9	27	285	533	769	4658
1966	1054	857	644	482	190	24			65	301	511	851	4979
1967	793	942	763	381	271	9			81	311	702	845	5098
1968	1093	968	614	353	181	6			11	221	509	901	4857
1969	979	824	719	247	109	6			50	300	601	922	4757
1970	1151	837	783	418	123	6			27	182	508	855	4890
1971	1084	788	759	408	148	3			24	91	564	659	4528
1972	858	869	708	421	93	21			8	326	529	647	4480

1973	907	898	596	324	140				9	165	469	751	4259
1974	770	835	606	255	133	12			53	308	542	763	4277
1975	785	736	687	462	87	6			37	138	427	821	4186

1976	1027	594	505	325	104	11		3	40	361	668	931	4569
1977	1229	772	451	271	71	13			8	262	442	800	4319
1978	1028	1054	745	327	115				32	218	410	746	4675
1979	939	1064	563	331	43	7	1	4	28	303	396	695	4374
1980	915	948	723	285	94	20			20	301	600	886	4792

1981	1122	731	735	296	178	5		4	54	349	560	876	4910
1982	1173	822	696	440	56	****		12	30	244	437	630	4540
1983	868	783	574	365	141	5			58	217	480	904	4395
1984	1078	677	772	365	135	9			77	113	577	592	4395
1985	1080	774	541	269	78	11			32	153	309	889	4136

1986	945	858	598	381	103	8		15	19	199	502	729	4357
1987	1009	898	621	306	106	3			8	361	437	733	4482
1988	1045	774	581	385	99	26			25	330	498	874	4637
1989	802	814	706	350	119				43	177	550	1181	4742
1990	639	554	547	357	133	8			54	184	446	660	3582

1991	869	674	568	316	70	9			56	227	476		3265
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MEAN	963	810	656	350	117	10	0	1	38	242	514	834	
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SD	127.21	110.25	100.22	66.43	45.27	9.00	.15	3.20	21.80	69.91	76.27	135.98	
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****SPL 30YR SUMMATION (1951 -1980)****

MEAN	959	830	670	348	122	10	0	0	36	244	524	830	
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SD	119.58	115.48	97.87	69.67	47.60	7.73	.18	1.89	22.91	68.05	76.35	122.33	
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H - 2 - 1A

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724088

STATION NAME: DOVER AFB DE
LST TO UTC: + 5

PERIOD OF RECORD: JAN 43 - NOV 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1943				1	94	380	366	366	140	****	2		1349
1944					127	256	412	335	189	16			1335
1945			31	16	54	291	333	270	218	6	2		1221
1951				10	44	201	379	311	137	43	1		1126
1952				13	45	289	459	320	124	6			1256
1953				8	81	228	378	315	171	5			1186
1954				21	41	217	368	281	182	****			1110
1955					85	153	499	409	139	27	1		1313
1956				14	55	228	299	300	134	3			1033
1957				35	94	319	400	269	236	2			1355
1958				14	39	160	419	296	131	26			1085
1959				24	148	277	362	392	237	116	6		1562
1960				54	37	236	321	365	152	13			1178
1961				18	25	199	375	323	294	16	14		1264
1962			4	35	109	231	266	303	119	31			1098
1963				16	57	214	377	258	77	9			1008
1964				5	89	237	369	254	135	4	2		1095
1965					155	338	422	302	182	14			1413
1966					44	257	396	334	128		2	1	1162
1967				9	13	183	278	255	67	18			823
1968			1		20	171	321	371	134	26			1044
1969				22	70	235	313	274	127	15			1056
1970					66	197	316	351	252	27			1209
1971					23	259	368	341	181	36	16		1224
1972			4	4	50	177	356	281	172	4			1048

1973				27	57	326	344	379	221	38	2	1394
1974			2	29	63	148	372	321	125	10	19	1089
1975				8	86	224	334	375	103	43	3	1176
1976				48	60	298	310	277	94	7		1094
1977			10	27	110	227	467	437	207	8	4	1497
1978					102	267	343	436	168	21		1337
1979			10	8	98	163	348	329	124	24		1104
1980					88	158	402	406	187	5		1246
1981				9	46	211	339	215	89	2		911
1982				5	67	****	333	227	89	26	13	760
1983				14	52	216	404	364	182	40		1272
1984					57	246	309	351	113	51		1127
1985		1	5	32	89	171	383	321	196	29	4	1231
1986					153	285	430	319	164	64	3	1418
1987					128	280	469	386	210		1	1474
1988			1	2	77	272	509	459	120	11		1451
1989			15	6	74	325	358	321	184	35	2	1320
1990			15	33	21	250	467	400	143	88		1417
1991			3	23	192	258	395	372	142	25	5	1415
.....												
MEAN		0	2	13	74	238	374	331	157	23	2	0
SD		.15	5.81	13.94	39.84	54.95	56.42	56.84	49.36	23.56	4.53	.15
*****SPL 30YR SUMMATION (1951 -1980)*****												
MEAN			1	14	68	227	365	328	158	20	2	0
SD			2.66	14.74	35.24	52.86	53.69	53.13	52.85	22.35	5.00	.18

H - 3 - 1A

A W S CLIMATIC BRIEF APR 92	STATION NAME: DOVER AFB DE LATITUDE/LONGITUDE: 39 08 N 075 28 W HOURLY OBS FOR: DEC 81 - NOV 91 SUMMARY OF DAY FOR: DEC 42-SEP 46, JUL 49-AUG 49, AUG 50-DEC 91 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +05												FIELD ELEV: 30 FT STATION MSC: 724088 CALL SIGN: KDOV SUPERSEDES: OCT 87		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	72	76	87	90	97	100	103	101	97	91	83	74	103	47
	MEAN MAX TEMP (F)	41	43	52	62	72	81	85	83	77	66	56	45	64	47
	MEAN TEMP (F)	33	36	44	53	63	72	77	75	69	58	47	38	56	47
	MEAN MIN TEMP (F)	26	28	35	44	54	63	68	67	60	49	39	30	47	47
	EXTRM MIN TEMP (F)	-5	0	9	21	33	43	52	48	39	24	14	-4	-5	47
	D/W TEMP GE 90 (F)	0	0	0	#	1	4	7	5	2	#	0	0	19	47
	D/W TEMP GE 80 (F)	0	0	1	2	6	17	25	22	11	2	#	0	86	47
	D/W TEMP LT 33 (F)	24	20	12	2	0	0	0	0	0	1	8	19	86	47
	D/W TEMP LT 10 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	47
	HEATING DEGREE DAYS	963	810	656	350	117	10	#	1	38	242	514	834	4535	49
	COOLING DEGREE DAYS	0	#	2	13	74	238	374	331	157	23	2	#	1214	49
	MEAN DEWPOINT TEMP (F)	22	25	31	40	52	60	66	66	58	48	38	27	45	10
	MEAN WET BULB TEMP (F)	30	33	39	47	57	65	70	69	62	53	44	34	50	10
	99.95% WCPA (FT)	750	750	800	750	500	450	350	350	450	450	600	650	600	10
	MEAN REL HUM 07 LST(%)	69.7	70.5	70.6	72.3	76.5	76.8	79.8	82.2	82.6	80.8	76.3	69.6	75.7	10
	MEAN REL HUM 13 LST(%)	57.3	56.2	52.8	56.1	58.7	56.8	58.9	61.2	59.0	57.2	57.9	56.5	57.4	10
	MAX 24HR PRECIP (IN)	2.22	2.69	2.65	2.60	3.02	3.68	5.41	9.01	3.48	4.11	5.66	2.81	9.01	47
	MAX PRECIP (IN)	8.19	7.51	7.53	7.13	8.07	15.29	12.60	16.57	8.17	6.91	8.61	8.19	72.79	47
	MEAN PRECIP (IN)	3.13	3.01	3.90	3.27	3.60	3.35	4.19	4.48	3.55	3.03	3.43	3.57	42.65	47
	MIN PRECIP (IN)	.34	1.08	1.06	.35	.55	.71	.77	.86	.44	.01	.33	.47	22.81	47
	D/W PRECIP GE .01 (IN)	11	9	11	10	11	9	9	9	8	7	9	10	113	47
	D/W PRECIP GT .50 (IN)	2	2	3	2	2	2	3	3	2	2	2	3	28	47
	MAX 24HR SNFL (IN)	7.0	17.9	8.2	2.2	0	0	0	0	0	#	9.0	9.1	17.9	42
	MAX SNFL (IN)	21.5	33.9	20.2	2.2	0	0	0	0	0	#	9.0	13.6	53.6	42
	MEAN SNFL (IN)	5.5	6.2	2.1	.2	0	0	0	0	0	#	.6	2.2	17.1	42
	D/W SNFL GE .1 (IN)	4	3	1	1	0	0	0	0	0	0	1	1	11	42
	D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5	42
	MAX DLY SNO DEPTH (IN)	18	26	12	1	0	0	0	0	0	0	5	12	26	42
	PRVING WND DIR (DEG)	29-31	32-34	32-34	29-31	20-22	20-22	20-22	\$20-22	\$20-22	\$20-22	20-22	32-34	20-22	10
	MEAN WND SPD (KTS)	7	7	8	7	6	5	5	4	5	5	6	7	6	10
	MAX WND SPD (KTS)	59	69	74	51	54	58	62	52	60	51	51	61	74	37
	SKY COVER GT 5/10 (%)	58.5	60.0	55.3	57.4	57.0	51.3	53.6	49.8	47.7	46.9	53.3	57.7	54.0	10
	D/W THUNDERSTORMS	1	1	1	3	5	5	7	6	2	1	1	1	34	47
	D/W FOG (VSBY LT 7 MI)	13	12	13	13	16	16	18	21	18	16	14	13	183	47
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	18.1	20.8	19.0	22.1	14.8	9.2	10.9	11.5	15.4	15.5	16.2	16.9	15.9	10
	03 - 05	18.4	22.1	22.4	25.1	20.9	16.6	20.6	20.9	20.0	21.2	19.7	17.3	20.4	10
	06 - 08	19.6	24.2	22.8	26.6	21.5	19.1	24.4	25.2	27.1	25.2	23.2	18.5	23.1	10
	09 - 11	20.2	21.4	20.0	22.7	18.5	11.7	11.4	10.8	14.8	14.6	19.2	19.4	17.1	10
	12 - 14	18.8	20.0	16.8	19.7	15.3	7.3	6.3	7.8	11.3	11.1	14.3	16.9	13.8	10
	15 - 17	17.5	19.7	16.7	16.4	12.5	5.7	5.1	7.4	9.3	9.8	12.8	16.1	12.4	10
	18 - 20	16.9	19.0	17.1	17.8	13.5	7.2	5.9	6.9	9.2	10.9	13.0	16.1	12.8	10
	21 - 23	16.5	20.8	18.8	19.9	13.3	7.7	9.2	8.0	10.3	12.6	15.2	16.3	14.0	10
	ALL	18.2	21.0	19.2	21.3	16.3	10.6	11.7	12.3	14.7	15.1	16.7	17.2	16.2	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	15.6	15.6	15.3	16.9	10.8	7.8	8.5	9.9	10.1	12.7	12.2	12.9	12.4	10
	03 - 05	15.4	18.4	16.5	20.4	16.6	14.0	18.3	18.3	17.3	17.5	13.9	13.9	16.7	10
	06 - 08	15.8	21.6	16.2	21.3	19.4	16.7	20.3	22.6	23.4	20.9	17.7	14.5	19.2	10
	09 - 11	17.2	19.0	15.0	16.7	14.5	7.9	7.4	7.4	10.4	11.1	13.8	15.6	13.0	10
	12 - 14	15.4	15.6	13.8	11.6	10.1	4.7	3.7	4.3	6.1	6.8	9.1	13.5	9.6	10
	15 - 17	14.1	14.2	12.2	11.3	8.6	3.6	3.3	4.2	4.1	6.8	8.2	13.8	8.7	10
	18 - 20	14.0	13.8	12.9	12.6	9.1	6.0	4.5	4.4	5.0	7.4	8.8	12.9	9.3	10
	21 - 23	14.3	15.4	13.2	15.2	9.7	6.5	6.6	5.3	7.2	10.1	10.4	12.4	10.5	10
	ALL	15.2	16.7	14.4	15.8	12.3	8.4	9.1	9.5	10.5	11.7	11.8	13.7	12.4	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	13.1	11.9	12.0	14.0	9.5	6.4	3.0	4.6	6.7	9.6	9.9	11.0	9.3	10
	03 - 05	12.2	15.6	13.4	16.3	12.2	10.3	8.9	10.9	11.0	12.5	10.3	11.4	12.1	10
	06 - 08	13.1	19.0	13.3	17.1	14.4	12.1	11.1	13.5	15.0	15.2	12.8	11.7	14.0	10
	09 - 11	13.1	15.8	11.1	12.4	10.5	5.0	3.9	3.8	4.9	8.4	9.6	12.0	9.2	10
	12 - 14	11.9	11.8	10.2	7.9	6.6	3.3	1.8	1.9	2.4	5.3	5.6	11.5	6.7	10
	15 - 17	11.2	9.3	9.9	7.7	6.7	2.8	1.7	2.3	1.4	4.3	6.1	11.3	6.2	10
	18 - 20	12.4	10.4	10.8	9.4	7.1	3.8	2.0	2.2	3.0	4.7	6.6	10.6	6.9	10
	21 - 23	12.5	11.0	11.6	11.2	7.5	4.6	1.6	2.0	3.8	6.6	8.7	9.9	7.6	10
	ALL	12.4	13.1	11.5	12.0	9.3	6.0	4.3	5.1	6.0	8.3	8.7	11.2	9.0	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.6	2.8	.9	3.2	1.0	1.0	.2	.8	.4	4.1	2.4	2.8	1.8	10
	03 - 05	1.7	3.1	2.5	3.7	1.8	1.7	.9	1.8	1.9	3.8	2.3	2.3	2.3	10
	06 - 08	2.9	3.7	3.5	3.4	2.3	.9	.4	1.6	1.4	3.7	2.9	2.7	2.4	10
	09 - 11	2.5	3.3	1.9	.4	.5	.1	.0	.0	.0	1.5	1.7	1.4	1.1	10
	12 - 14	2.3	1.4	.4	.1	.0	.1	.0	.0	.0	.2	.2	.4	.4	10
	15 - 17	2.0	1.4	.2	.8	.0	.1	.1	.0	.0	.5	.0	1.4	.5	10
	18 - 20	2.8	1.8	.9	.7	.5	.1	.1	.0	.0	1.1	.8	.9	.8	10
	21 - 23	2.8	1.9	1.5	1.4	1.1	.7	.3	.1	.0	1.5	1.4	2.2	1.2	10
	ALL	2.4	2.4	1.5	1.7	.9	.6	.3	.5	.5	2.0	1.5	1.7	1.3	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/2	0/3	1/4	0/0	0/0	0/0	1/9
120NM	0/0	0/0	0/0	0/0	0/0	0/2	0/3	6/8	7/8	1/0	0/0	0/0	14/21
240NM	0/0	0/0	0/0	0/0	1/0	1/7	4/8	18/20	16/17	3/4	0/2	0/0	43/58

REMARKS : @

DISTRIBUTION

AMC/XOWR, Bldg P40N, Martin Ave., Scott AFB, IL 62225-5000	1
436 OSS/WXF, Bldg 501, Eagle Way St B., Dover AFB, DE 19902-5987	1
USAFETAC/DOL (Technical Services), Scott AFB, IL 62225-5118	2
OL-A, USAFETAC, Federal Building, Asheville, NC 28801-2723	2
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145	2
AWSTL, Scott AFB, IL 62225-5458	3

DIST